

NMCRL Characteristics Search



User Guide

NMCRL Characteristics Search - User Guide

Version: 1.0 – ENGLISH

November 2023

Table of content

1. Introduction.....	3
1.1. Document Control.....	3
1.2. Scope.....	3
1.3. Purpose.....	3
2. Navigation.....	4
3. Page Layout.....	6
4. Search Characteristics with Mode Codes.....	7
4.1 Search Characteristics with mode code A.....	7
4.2 Search Characteristics with mode Code G.....	11
4.3 Search Characteristics with mode code B.....	14
4.4 Search Characteristics with mode code F.....	16
4.5 Search Characteristics with Mode Code D.....	18
4.6 Search Characteristics with mode Code H.....	21
4.7 Search Characteristics with mode Code L.....	24
4.8 Search Characteristics with mode Code J.....	27
4.9 Characteristics Combinations.....	31
4.10 Search Non-Approved Item Name.....	32
5. Multiple SEARCH NSNs.....	35

1. Introduction

1.1. Document Control

Version	Date	Comments	Owner
0.1	July 2023	Characteristics Search Functionality	Shamala
0.2	September 2023	LD-ED review	Adam PUSTEJOVSKY
1.0	November 2023	Consolidation of NCBS' comments	Adam PUSTEJOVSKY

1.2. Scope

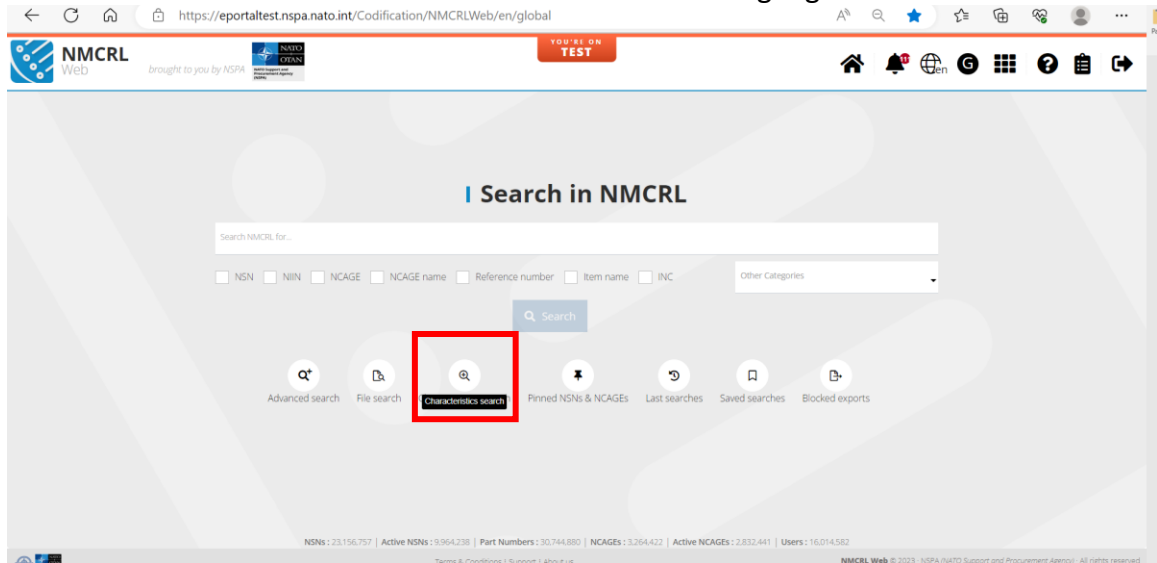
NMCRL – Characteristics Search documentation for the User

1.3. Purpose

The purpose of this document is to provide the required steps on how to use the **Characteristics Search** filter in NMCRL Application.

2. Navigation

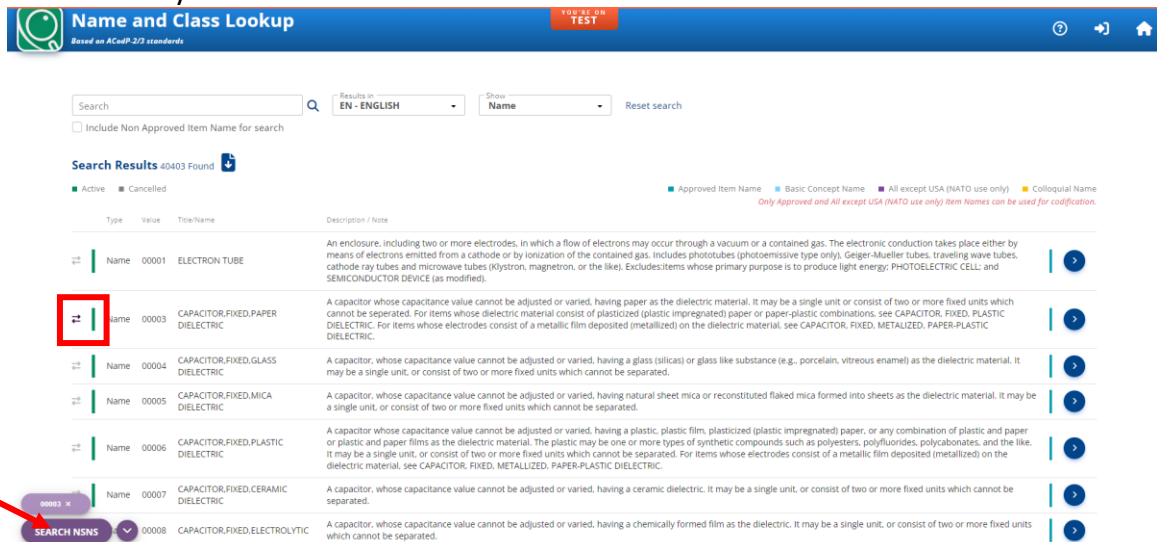
Go to NMCRL and Click on the Characteristics Search as highlighted below



NCL Page opens to search item names that will be used to search through NSN characteristics.

Search is performed by default on Approved Item Names, but user can tick option to include NON Approved Item Names as well.

Click on the icon highlighted as below and SEARCH NSNs button is popped up automatically.



Click on SEARCH NSN, Search with Characteristics page opens in NMCRL with the Search options as shown below.

For each selected INC, the user can select one or multiple MRCs to filter as displayed below

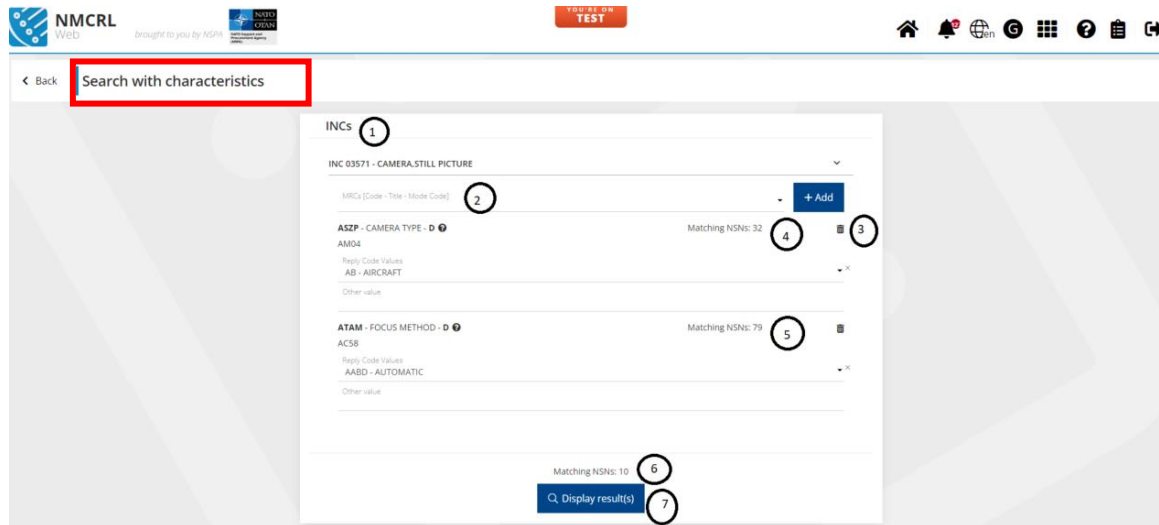
The screenshot shows a web browser window with the URL <https://eportaltest.nspa.nato.int/Codification/NMCRLWeb/en/characteristics?inc=00001>. The page header includes the NMCRL logo and the text "brought to you by NSPA". A red box highlights the "Search with characteristics" button. The main content area shows a dropdown menu for "INCS" with "INC 00001 - ELECTRON TUBE" selected. Below this is a section for "MRCs [Code - Title - Mode Code]" with a "+ Add" button. A search bar is present, and a red box highlights a list of MRCs with checkboxes:

- NAME - ITEM NAME - D
- AARV - ENVELOPE MEDIUM TYPE - D *
- ABHP - OVERALL LENGTH - J *
- ABKW - OVERALL HEIGHT - J *
- ABMK - OVERALL WIDTH - J *

Below the list, it says "Matching NSNs:" and there is a "Display result(s)" button.

3. Page Layout

Search Characteristics page has the following layout



- 1 INC selected for NSNs search
- 2 Selector of MRCs to use for the search
- 3 Button to remove MRC from the search criteria's
- 4 MRC matching count. 32 NSNs with INC 03571 have MRC ASZP with Value "Aircraft"
- 5 MRC matching count. 79 NSNs with INC 03571 have MRC ATAM with Value "Automatic"
- 6 10 NSNs match all the selected criteria's
- 7 Trigger the search of NSNs

4. Search Characteristics with Mode Codes

For every INC selected, the list of characteristics (MRC) differs and the search will behave differently based on the MRC Mode code.

4.1 Search Characteristics with mode code A

Search for alphanumeric value (clear text). The system will search for NSNs matching exactly the value, but wildcard (*) is allowed to replace one or multiple characters.

Example with MRC AJJY and Exact Values

Select INC and Characteristic (AJJY) with mode A as shown below.
The matching NSNs are 107 for the selected MRC

The screenshot displays a search interface with the following elements:

- INCs** section: Shows 'INC 00091 - CAMERA,TELEVISION' with a dropdown arrow.
- MRCs [Code - Title - Mode Code]** section: Shows 'AJJY - DOCUMENT SOURCE - A' with a dropdown arrow and a '+ Add' button.
- Text** field: Below the selected MRC.
- Matching NSNs: 107**: A red box highlights this text next to the selected MRC.
- Matching NSNs: 107**: A summary text at the bottom of the interface.
- Display result(s)**: A blue button with a magnifying glass icon at the bottom.

Enter exact value (U1746) and the matching NSNs are 2 now

The screenshot shows a search interface for 'AJY - DOCUMENT SOURCE - A'. The search criteria is 'U1746'. The results section displays 'Matching NSNs: 2' and a button to 'Display result(s)'.

Click on Display Results

The screenshot shows the search results page with two items of supply:

NSN	Item name	Status
5820-99-148-0103	CAMERA,TELEVISION	0 - Active NSN with user
5820-99-846-4589	CAMERA,TELEVISION	0 - Active NSN with user

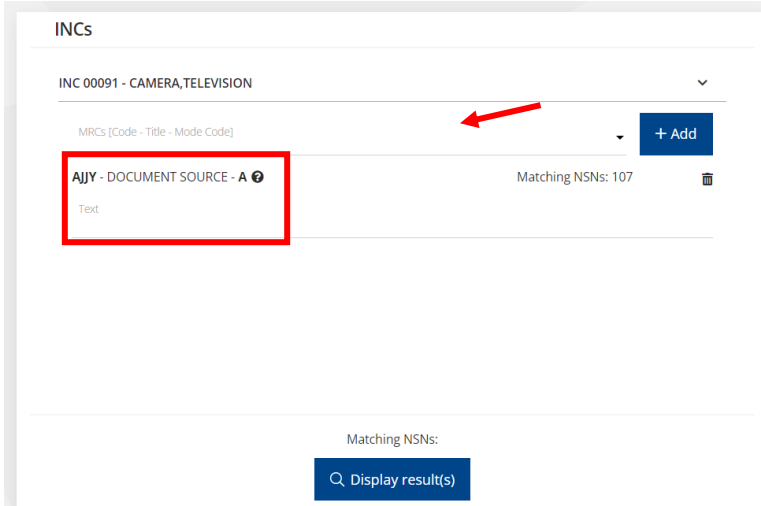
Click on any to view the NSN details to see the exact value match

The screenshot shows the details for NSN 5820-99-148-0103. The 'Decoded Characteristics' section is highlighted, showing the following details:

- NAME - FB0114816
- CAMERA, TELEVISION
- AKA - COMPONENT DOCUMENT ORIGIN
- INDUSTRIAL
- AJY - DOCUMENT SOURCE**
- U1746

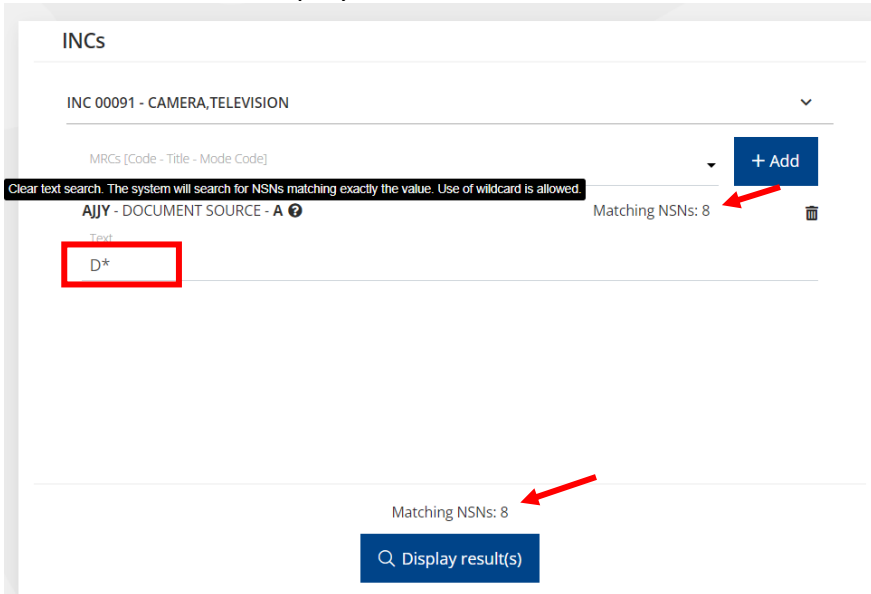
Example with MRC AJJY and Wildcard

Select INC and Characteristic (AJJY) with mode A as shown below. There are 107 NSNs containing the characteristics AJJY.



The screenshot shows a search interface for INCs. At the top, it displays "INC 00091 - CAMERA,TELEVISION". Below this, there is a section for "MRCs [Code - Title - Mode Code]" with a "+ Add" button. A red box highlights the selected MRC: "AJJY - DOCUMENT SOURCE - A". To the right of this MRC, it says "Matching NSNs: 107". Below the MRC list is a "Text" input field. At the bottom, there is a "Matching NSNs:" label and a "Display result(s)" button.

Enter values in the Text field and see how the count changes. Total count matching all the criterias will be displayed in the bottom



The screenshot shows the same search interface as above, but with a "Clear text search. The system will search for NSNs matching exactly the value. Use of wildcard is allowed." message above the "Text" input field. The "Text" field now contains "D*", highlighted by a red box. The "Matching NSNs:" count has changed to 8. A red arrow points to the "Matching NSNs: 8" text. At the bottom, there is a "Matching NSNs: 8" label and a "Display result(s)" button.

Result displayed is

The screenshot shows the NMCR Web search results page. The URL is https://eportaltest.nspa.nato.int/Codification/NMCRWeb/en/search?mode=characteristic. The page displays a grid of 12 items, each with a table of details:

NSN	Item name	Status
5836-12-332-4622	CAMERA,TELEVISION	0 - Active NSN with user
5820-12-337-0015	CAMERA,TELEVISION	0 - Active NSN with user
5820-12-336-5506	CAMERA,TELEVISION	0 - Active NSN with user
5836-12-368-6087	CAMERA,TELEVISION	0 - Active NSN with user
5820-12-347-2378	CAMERA,TELEVISION	0 - Active NSN with user
5820-12-335-8705	CAMERA,TELEVISION	0 - Active NSN with user
5836-12-408-9081	CAMERA,TELEVISION	0 - Active NSN with user
5820-12-361-7371	CAMERA,TELEVISION	0 - Active NSN with user

Clicking on any to view NSN Details

The screenshot shows the NMCR Web item details page for NSN 5836-12-332-4622. The page is divided into several sections:

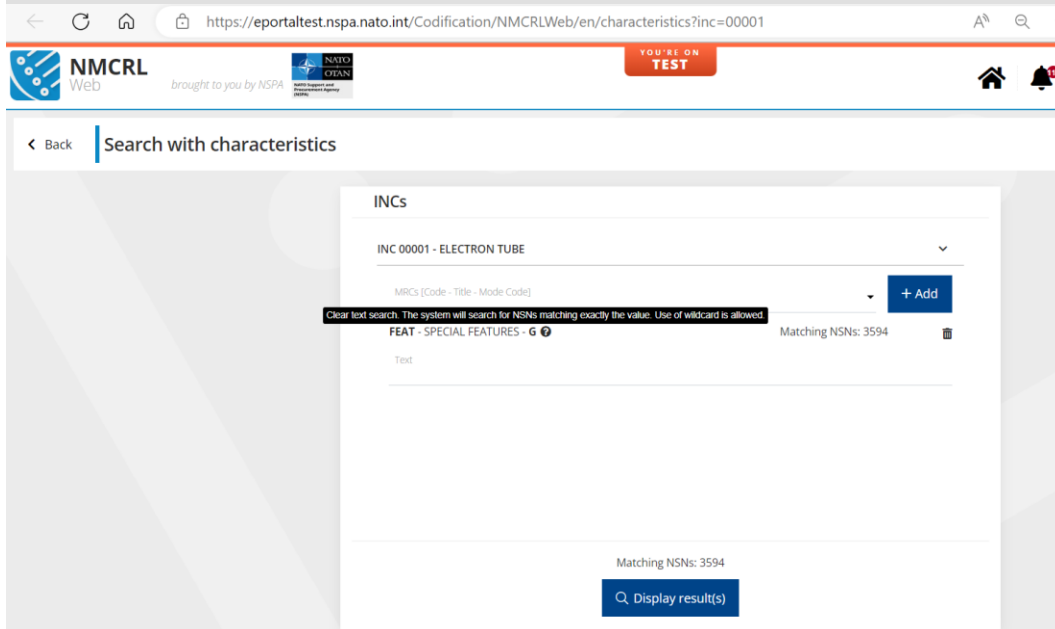
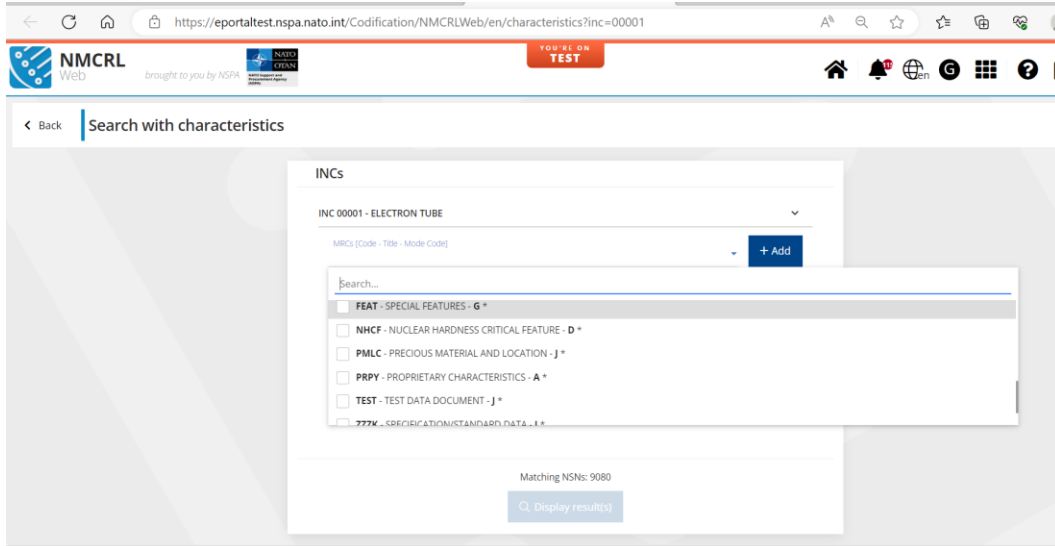
- Item identification & Classification:** Shows the NSN status as '0 - Active NSN with user' and the item name as 'CAMERA,TELEVISION'.
- References (1):** Lists a reference to 'KRAUSS-MAFFEI HEGAGANN GMBH & CO. KG. WERK...' with a reference number '2644-410000.000.0'.
- Decoded Characteristics:** A list of characteristics including 'CAMERA,TELEVISION', 'INDUSTRIAL', 'PARTS CONTROL LIST AND DRAWING', and 'VIDEOCAMERA'. A red arrow points to the 'INDUSTRIAL' characteristic.

4.2 Search Characteristics with mode Code G

Search for alphanumeric value (clear text). The system will search for NSNs matching exactly the value, but wildcard (*) is allowed to replace one or multiple characters.

Example with MRC FEAT

Select an INC and MRC FEAT with mode code G



Exact match of FEAT value or the use of wild card is allowed to fetch results for mode G*

INCs

INC 00001 - ELECTRON TUBE

MRCs [Code - Title - Mode Code] + Add

FEAT - SPECIAL FEATURES - G ⓘ Matching NSNs: 1

Text

ZIFFERN- UND ZEICHEN-ANZEIGEROEHRE

Matching NSNs: 1

Display result(s)

INCs

INC 00001 - ELECTRON TUBE

MRCs [Code - Title - Mode Code] + Add

FEAT - SPECIAL FEATURES - G ⓘ Matching NSNs: 1

Text

ZIFFERN- UND ZEICHEN*

Matching NSNs: 1

Display result(s)

INCs

INC 00001 - ELECTRON TUBE

MRCs [Code - Title - Mode Code] + Add

FEAT - SPECIAL FEATURES - G ⓘ Matching NSNs: 8

Text

ZIFFERN*

Matching NSNs: 8

Display result(s)

All the NSNs matching the criteria mentioned are displayed on clicking the **DISPLAY RESULTS** button

The screenshot shows the NMCRL search results page. The URL is https://eportaltest.nspa.nato.int/Codification/NMCRLWeb/en/search?mode=characteristic. The page displays a list of items of supply under the heading "Items of supply". Each item is shown in a table format with columns for NSN, Item name, Status, TIC, and References. The items listed are:

NSN	Item name	Status	TIC	References
5960-12-187-3968	ELECTRON TUBE	0 - Active NSN with user	4 - Partial Descriptive Item Identification	0/11
5960-12-158-2232	ELECTRON TUBE	0 - Active NSN with user	4 - Partial Descriptive Item Identification	0/11
5960-12-158-2443	ELECTRON TUBE	0 - Active NSN with user	4 - Partial Descriptive Item Identification	0/11
5960-12-158-5164	ELECTRON TUBE	6 - Inactive NSN without user	4 - Partial Descriptive Item Identification	0/11
5960-12-158-8508	ELECTRON TUBE	0 - Active NSN with user	4 - Partial Descriptive Item Identification	0/7
5960-12-161-4309	ELECTRON TUBE	0 - Active NSN with user	4 - Partial Descriptive Item Identification	0/11
5960-12-184-5063	ELECTRON TUBE	0 - Active NSN with user	4 - Partial Descriptive Item Identification	0/11
5960-12-189-3078	ELECTRON TUBE	0 - Active NSN with user	4 - Partial Descriptive Item Identification	0/11

Clicking on any to view NSN Details

The screenshot shows the NMCRL NSN details page for NSN 5960-12-187-3968. The page is divided into several sections:

- Item identification & Classification:** Status: 0 - Active NSN with user. Type of Item Identification: 4 - Partial Descriptive Item Identification. RFI/RFQ Code: 3 - An Approved Item Name and IG exist but the item inv... Item name: 00001 - ELECTRON TUBE. NATO supply class: 5960 - Electron Tubes and Associated Hardware. Common Procurement Vocabulary: 31711400-7 - Valves and tubes.
- References (5):** A list of references including NCAGE IREF0 - THIS NCAGE IS USED TO INFORM THAT THE DESIGN ... and NCAGE D1180 - EPCOS AG ABT. PR ROE K PM.
- Decoded Characteristics:** A list of characteristics including NAME - ITEM NAME, ELECTRON TUBE, and BEAT - SPECIAL FEATURES ZIFFERANZEIGEROEHRE.

4.3 Search Characteristics with mode code B

Search for numerical value. If only minimum value is set, the system will search for that exact value, if both minimum and maximum values are set, the system will look within the specified range.

Example with MRC AEBJ

Select the characteristics AEBJ from the drop down with mode code B.
As highlighted below the individual count for AEBJ MRC is 87

INCS

INC 00003 - CAPACITOR, FIXED, PAPER DIELECTRIC

MRCs [Code - Title - Mode Code] + Add

AEBJ - CONTINUOUS CURRENT RATING IN AMPS - B Matching NSNs: 87

Min Max

Matching NSNs:

Display result(s)

When the exact values are given at min and Max fields, the total count matching all the criteria's will be displayed at the bottom of the page (Matching NSNs:10)

INCS

INC 00003 - CAPACITOR, FIXED, PAPER DIELECTRIC

MRCs [Code - Title - Mode Code] + Add

AEBJ - CONTINUOUS CURRENT RATING IN AMPS - B Matching NSNs: 10

Min Max

1 5

Matching NSNs: 10

Display result(s)

https://eportaltest.nspa.nato.int/Codification/NMCRWeb/en/search?mode=characteristic

Search

Items of supply

NSN	Item name	Status	NSN	Item name	Status
5910-01-139-2057	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user	5910-00-144-1760	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user
TIC: 1 - Full Descriptive Item Identification	0/11	Reference: 0/1	TIC: 1 - Full Descriptive Item Identification	0/11	Reference: 0/4
5910-00-067-9147	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user	5910-00-229-6988	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user
TIC: 1 - Full Descriptive Item Identification	0/11	Reference: 0/3	TIC: K - Full Descriptive - Reference Item Identification	0/11	Reference: 0/1
5910-12-151-8917	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user	5910-00-087-4221	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user
TIC: M - Partial Descriptive - Reference Item Identification	0/11	Reference: 0/3	TIC: 1 - Full Descriptive Item Identification	0/11	Reference: 0/4
5910-12-320-1044	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user	5910-12-305-2097	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user
TIC: 4 - Partial Descriptive Item Identification	0/11	Reference: 0/4	TIC: 4 - Partial Descriptive Item Identification	0/11	Reference: 0/3
5910-01-461-7058	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user	5910-01-461-7063	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user
TIC: N - Partial Descriptive - Reference - Descriptive Item ID...	0/11	Reference: 0/3	TIC: 4 - Partial Descriptive Item Identification	0/11	Reference: 0/3

10 displayed

Click on any to view the NSN Details

https://eportaltest.nspa.nato.int/Codification/NMCRWeb/en/itemofsupply/011392057

NSN 5910-01-139-2057

Owner: UNITED STATES | Assignment Date: 27 Sep 1982 | Update: 18 Dec 2021 (A.A.)

Item identification & Classification | References (1) | Characteristics | Packaging

Status: 0 - Active NSN with user

Type of Item Identification: 1 - Full Descriptive Item Identification

Item name: 00003 - CAPACITOR, FIXED, PAPER DIELECTRIC

Demilitarization code: A - Demilitarization not required.

Registered Users: USA

Registered NSPA Project Codes: + Add User

NSPA project codes are not available for this NSN.

NCAGE: 01002 - GENERAL ELECTRIC CO CAPACITORS DIV

Reference number: 28F5349

RNSC	RNCC	RNVC	DAC	RNFC	RNIC
3	9	E			

Procurement status: RNMIC USA UNITED STATES

Decoded Characteristics

AACQ - BODY STYLE
W/O MTG FACILITIES, TERMINAL(S) ON ONE SURFACE

AAR5 - RELIABILITY INDICATOR
NOT ESTABLISHED

AD4Q - BODY LENGTH
2.160 INCHES NOMINAL

AD4T - BODY WIDTH
1.310 INCHES NOMINAL

AD4J - BODY HEIGHT
1.200 INCHES NOMINAL

**AEBI - CONTINUOUS CURRENT RATING IN AMPS
5.6**

AEBP - CENTER TO CENTER DISTANCE BETWEEN TERMINALS PARALLEL TO LENGTH
0.810 INCHES NOMINAL

AEBJ - TERMINAL HEIGHT FROM BODY
0.470 INCHES NOMINAL

AEBZ - SCHEMATIC DIAGRAM DESIGNATOR
NO COMMON OR GROUNDED ELECTRODE(S)

4.4 Search Characteristics with mode code F

Used to specify a range in the characteristic. If only minimum value is set, search for characteristics where the value specified is in the range. If minimum and maximum are both set, search for the exact range or ranges within the specified range

Example with MRC AAPQ

Select INC and appropriate Characteristics (AAPQ) with mode code F

The screenshot shows a web interface for selecting characteristics. At the top, there is a section titled "INCs" with a dropdown menu set to "INC 00009 - RESISTOR,ADJUSTABLE". Below this, there is a search bar with a placeholder text: "Used to specify a range in the characteristic. If only minimum value is set, search for characteristics where the value specified is in the range. If minimum and maximum are both set, search for the exact range or ranges within the specified range (e.g. searching for 10 to 20 would find range 12 to 17)". To the right of the search bar is a "+ Add" button. Below the search bar, there is a list of characteristics. The first characteristic is "AAPQ - RESISTANCE TOLERANCE IN PERCENT - F", which is highlighted with a red box. This characteristic has a "Min" value of 1 and a "Max" value of 10. To the right of the characteristic is a "Matching NSNs: 2272" label. Below the list of characteristics, there is a "Matching NSNs:" label and a "Display result(s)" button. The interface also shows a second "INCs" section with a dropdown menu set to "INC 00009 - RESISTOR,ADJUSTABLE" and a search bar with a placeholder text: "MRCs [Code - Title - Mode Code]". Below the search bar, there is a list of characteristics. The first characteristic is "AAPQ - RESISTANCE TOLERANCE IN PERCENT - F", which is highlighted with a red box. This characteristic has a "Min" value of 1 and a "Max" value of 10. To the right of the characteristic is a "Matching NSNs: 5" label. Below the list of characteristics, there is a "Matching NSNs: 5" label and a "Display result(s)" button.

Results displayed are

Search NMCRL for... Categories Search

Advanced Search File search Pinned NSNs & NCAGEs Last searches Saved searches

Items of supply [Back to characteristics search](#) Display Context Item ID NCAGE Save search Export Comp

NSN	Item name	Status	TIC	References
5905-72-050-4825	RESISTOR,ADJUSTABLE	0 - Active NSN with user	1 - Full Descriptive Item Identification	0/11
5905-33-216-4719	RESISTOR,ADJUSTABLE	0 - Active NSN with user	4 - Partial Descriptive Item Identification	0/11
5905-34-031-0186	RESISTOR,ADJUSTABLE	0 - Active NSN with user	M - Partial Descriptive - Reference It...	0/11

5 displayed 5 found

Clicking on any to view NSN Details

https://eportaltest.nspa.nato.int/Codification/NMCRLWeb/en/itemofsupply/720504825

Back NSN 5905-72-050-4825 Owner: INDIA Assignment Date: 28 Apr 2021 (Update date): 28 Apr 2021 (Last...)

Item Identification & Classification **References (1)** Display Sort Characteristics Packaging

Status: 0 - Active NSN with user
Type of Item Identification: 1 - Full Descriptive Item Identification
Item name: 00009 - RESISTOR,ADJUSTABLE
NATO supply class: 5905 - Resistor
Common Procurement Vocabulary: 31711131-0 - Electrical resistors

Registered Users: IND

Registered NSPA Project Codes:
NSPA project codes are not available for this NSN.

References (1):
NCAGE: 1WRLY - BHARAT ELECTRONICS LIMITED
Reference number: 401800402915
RNSC: A RNCV: 2 DAC: 1 RNIC: 4
Procurement status: Procurable
RINAAC: IND IND INDIA

Decoded Characteristics:
NAME - ITEM NAME: RESISTOR,ADJUSTABLE
A49F - ELECTRICAL RESISTANCE: 25.0 KIL OHMS
A49C - RESISTANCE TOLERANCE IN PERCENT: 10.0 TO 10.0
A49G - AMBIENT TEMP IN DEG CELSIUS AT 2500 PERCENT RATED POWER: 0.0
A49E - REACTANCE CHARACTERISTIC: NONINDUCTIVE
A49S - RELIABILITY INDICATOR: NOT ESTABLISHED
A49H - BODY DIA/THICK: 9.53 MILLIMETERS NOMINAL
A2A0 - BODY LENGTH: 10.67 MILLIMETERS MAXIMUM
A49B - POWER DISSIPATION RATING IN WATTS: 0.5 FREE AIR
A49Y - AMBIENT TEMP AT FULL RATED POWER: 150.0 DEG CELSIUS
A5AV - END ITEM IDENTIFICATION: AWS (AKASH WEAPON SYSTEM)
A49A - INCLOSURE TYPE: ENCAPSULATED

4.5 Search Characteristics with Mode Code D

Select one or multiple reply code. Use Other Value text box, if the value is not present in the list, in that case the system will search this clear text value with mode code E. NAME is a special case where an INC (5 digits) should be set.

Example with MRC AKFU

Select the option as highlighted below Characteristics AKFU with Mode Code D and click on ADD button

INCs

INC 00001 - ELECTRON TUBE

MRCs [Code - Title - Mode Code]

AKFU - ENVELOPE MATERIAL - D Matching NSNs: 1455

MA01

Reply Code Values

Other value

Matching NSNs: 1455

Display result(s)

INCs

INC 00001 - ELECTRON TUBE

MRCs [Code - Title - Mode Code]

AKFU - ENVELOPE MATERIAL - D Matching NSNs: 1455

MA01

Reply Code Values

search...

- CLD000 - CERAMIC
- GSA000 - GLASS
- PCA000 - PLASTIC

Matching NSNs: 1455

Display result(s)

Select PLASTIC and Display results are as shown below. Count changes accordingly based on the matching criteria.

NSNs matching are displayed on clicking on DISPLAY RESULTS Button

NSN	Item name	Status
5960-37-518-9591	ELECTRON TUBE	0 - Active NSN with user
5960-41-000-1934	ELECTRON TUBE	0 - Active NSN with user
5960-99-000-2413	ELECTRON TUBE	0 - Active NSN with user
5960-99-038-4508	ELECTRON TUBE	6 - Inactive NSN without user
5960-99-000-2482	ELECTRON TUBE	0 - Active NSN with user

Clicking on any to view NSN Details

Other Value Search for AKFU

If the user does not find the appropriate value in Reply code values, he/she can search using OTHER VALUE field.

INCS

INC 00001 - ELECTRON TUBE

MRCs (Code - Title - Mode Code) + Add

AKFU - ENVELOPE MATERIAL - D Matching NSNs: 1

MA01

Other value

COPPER

Matching NSNs: 1

Display result(s)

Clicking on any to view NSN Details

As mentioned, it takes the mode code E for other value field.

NMCRL Web brought to you by NSPA

YOU'RE ON TEST

NSN 5960-98-853-6727

Owner: NEW ZEALAND Assignment Date: 01 Nov 1978 Update dates: 04 Apr 2019 (E...)

Item identification & Classification

Status: 0 - Active NSN with user

Type of item identification: M - Partial Descriptive - Reference Item Identific...

RFCMR Code: 3 - An Approved Item Name and IIG exist but the...

Item name: 00001 - ELECTRON TUBE

Registered Users: NZL

Registered NSPA Project Codes: + Add User

References (2)

NCAGE: IREF0 - THIS NCAGE IS USED TO INFORM THAT THE ...

Reference number: NO PRIMARY REF 98-853-6727

RNSC	RNCC	RNVC	DAC	RNFC	RNJC
B	3	2	9	4	

Procurement status: Non Procurable

NCAGE: K0089 - EASAMS LTD

Reference number: 8356

RNSC	RNCC	RNVC	DAC	RNFC	RNJC
B	5	9	9	4	

Procurement status: Non Procurable

Decoded Characteristics

NAME - ITEM NAME: ELECTRON TUBE

AGRY - END ITEM IDENTIFICATION: PAR SLA3

AKFU - ENVELOPE MATERIAL: COPPER

FEAT - SPECIAL FEATURES: MAGNETRON

Coded Characteristics

NAME - D00001

AKFU - ECOPPER

FEAT - GMAGNETRON

4.6 Search Characteristics with mode Code H

Select one or more Reply code. Use Other Value text box, if the value is not present in the List. In that case, the system will search the clear text value with mode code E.

Example with MRC CQSM

Select INC and characteristic (CQSM) with mode code H

INCs

INC 00136 - CIRCUIT BREAKER

MRCs [Code - Title] Select one or multiple reply code. Use "Other value" textbox if the value is not present in the list, in that case the system will search the clear text value with mode code E. + Add

CQSM - SWITCH LOCATION AND POSITION DESIGNATION - H Matching NSNs: 17

AN73

Reply Code Values
EXT - EXTERNAL

AJ50

Reply Code Values
EAR - AT EACH POLE

Other value

Matching NSNs: 17

Display result(s)

Display Results

NMCRL Web brought to you by NSRI

SEARCHED ON TEST

Search NMCRL for... Categories Search

Advanced Search File search Pinned NSNs & NCAGEs Last searches Saved searches

Items of supply [Back to characteristic search](#) Display Item (17) NCAGE Save search Export Compare

NSN	Item name	Status	NSN	Item name	Status
5925-01-455-9208	CIRCUIT BREAKER	0 - Active NSN with user	5925-66-104-2186	CIRCUIT BREAKER	8 - Cancelled-inactive NSN (orig...
TIC: 4 - Partial Descriptive Item Identification	Id. Elms. 0/11	References 0/2	TIC: 1 - Full Descriptive Item Identification	Id. Elms. 0/11	References 0/1
5925-66-162-6360	CIRCUIT BREAKER	0 - Active NSN with user	5925-66-163-7368	CIRCUIT BREAKER	0 - Active NSN with user
TIC: 4 - Partial Descriptive Item Identification	Id. Elms. 0/11	References 0/1	TIC: 4 - Partial Descriptive Item Identification	Id. Elms. 0/11	References 0/1
5925-66-163-7369	CIRCUIT BREAKER	0 - Active NSN with user	5925-66-164-4609	CIRCUIT BREAKER	0 - Active NSN with user
TIC: 4 - Partial Descriptive Item Identification	Id. Elms. 0/11	References 0/1	TIC: 4 - Partial Descriptive Item Identification	Id. Elms. 0/11	References 0/2
5925-12-308-9188	CIRCUIT BREAKER	6 - Inactive NSN without user	5925-12-308-9189	CIRCUIT BREAKER	6 - Inactive NSN without user
TIC: 4 - Partial Descriptive Item Identification	Id. Elms. 0/11	References 0/2	TIC: 4 - Partial Descriptive Item Identification	Id. Elms. 0/11	References 0/2

Click on any

The screenshot shows the NMCRL NSN system interface. At the top, there is a navigation bar with the NMCRL logo and a 'TOOLBAR TEST' button. Below the navigation bar, the main content area is divided into several sections:

- Item Identification & Classification:** This section contains information about the item's status (Active NSN with user), type of item identification (Partial Descriptive Item Identification), and RFDIAR Code (6 - An Approved Item Name and IIG may exist but it has ...). It also lists the item name (00136 - CIRCUIT BREAKER) and demilitarization codes (A - Demilitarization not required, 1).
- Registered Users:** This section shows the user 'USA'.
- Registered NSPA Project Codes:** This section indicates that NSPA project codes are not available for this NSN.
- References (2):** This section displays two references for the item, both from AIRPAC ACQUISITION LLC DBA AIRPAC CORP LLC. The first reference is UPL111-1REC4-42-303, and the second is UPL111-1R0-42-303. Both references show the item's procurement status as 'Non Procurement' and 'Non Procurement' respectively.
- Characteristics:** This section lists various characteristics of the item, including '0.130 INCHES NOMINAL', '2.625 INCHES NOMINAL', '6 THREADED HOLE', 'MAGNETIC', and 'EXTERNAL AT EACH POLE'. A red arrow points to the 'EXTERNAL AT EACH POLE' characteristic.

Other Value Search for Mode H is used when the value is not present in the reply code list

The screenshot shows the 'Other Value' search interface. At the top, there is a search bar with the text 'INC 03571 - CAMERA STILL PICTURE'. Below the search bar, there is a '+ Add' button. A tooltip message reads: 'Select one or multiple reply code. Use "Other value" section if the value is not present in the list, in that case the system will search this clear text value with mode code E.' Below the search bar, there is a list of reply code values: 'ASZW - SHUTTER TYPE - H', 'AL36', and 'AM07'. The 'Other value' section is highlighted with a red box, and the text 'ADJUSTABLE ELECTROMAGNETIC' is entered in the input field. At the bottom, there is a 'Matching NSNs: 1' indicator and a 'Display result(s)' button.

Result displayed is

Browser address bar: <https://eportaltest.nspa.nato.int/Codification/NMCRWeb/en/itemofsupply/661081126>

Navigation: Home, Notifications, Search, Profile, Help, Print, Save

Item Identification & Classification

Status: 8 - Cancelled-inactive NSN (originally NSN with NL...)

Type of Item Identification: 4 - Partial Descriptive Item Identification

RFQMR Code: 4 - An Approved Item Name and IIG may exist but techni...

Item name: 03571 - CAMERA, STILL PICTURE

NATO supply class: 6720 - Cameras, Still Picture

Common Procurement Vocabulary: 38651000-3 - Cameras

Registered Users

There is no registered users for this NSN.

Registered NSPA Project Codes

NSPA project codes are not available for this NSN.

Owner: AUSTRALIA

Assignment Date: 22 Sep 1985

Update date(s): 04 Apr 2018 (Last u...)


References (4)

Display: [Grid] [List] | Filters | Sort

Characteristics | Packaging

NSN	Reference number	Procurement status	RINSC	RINCC	RINVC	DAC	RINFC	RINJC
6720-66-108-1126	S3374 - CANON CAMERA CO. INC. SURE SHOT	Non Procurable	B	5	9	9	4	
	S3374 - CANON CAMERA CO. INC. C13-3403-221	Procurable	A	3	2	E	4	
	S3374 - CANON CAMERA CO. INC. C13-2663-221	Non Procurable	B	5	9	9	4	
	S3374 - CANON CAMERA CO. INC. C13-2602-221	Non Procurable	B	5	9	9	4	

Decoded Characteristics

- NAME - ITEM NAME
- CAMERA, STILL PICTURE
- ABFV - FINISHED ITENS
- CARRYING CASE AND
- ABSL - WIDTH
- 130.0 MILLIMETERS NOMINAL
- ABRV - LENGTH
- 59.8 MILLIMETERS NOMINAL
- AKCV - DRIVE TYPE
- INTEGRAL
- AS2P - CAMERA TYPE
- GENERAL PURPOSE
- AS2T - LENS APERTURE SETTING RANGE
- 3.6 TO 8.5
- AS2W - SHUTTER TYPE
- ADJUSTABLE ELECTROMAGNETIC** 
- AS2Z - CAMERA MOUNTING TYPE
- HAND HELD
- KTAB - FILM ACCOMMODATION TYPE
- ROLL FILM
- ATAJ - FILM SIZE FOR WHICH DESIGNED
- 35
- KTAL - EXPOSURE QUANTITY ACCOMMODATED
- 36

4.7 Search Characteristics with mode Code L

Select one or more Reply code. Use Other Value text box, if the value is not present in the List. In that case, the system will search the clear text value with mode code E. Mode Code L is used specifically for drawings.

Example with MRC AAQL

Select the INC and characteristic AAQL with mode code L

The screenshot shows a web interface for selecting MRCs. At the top, there is a section for 'INCs' with a dropdown menu showing 'INC 00005 - CAPACITOR, FIXED, MICA DIELECTRIC'. Below this is a search bar with a '+ Add' button. A tooltip message reads: 'Select one or multiple reply code. Use 'Other value' textbox if the value is not present in the list, in that case the system will search this clear text value with mode code E.' Below the search bar, the selected MRC is 'AAQL - BODY STYLE - L' with 'Matching NSNs: 13'. Underneath, there is a 'Drawings' section with a dropdown menu showing '1A - AAE1001 - W/MTG TABS/FLANGES, TERMINALS ON OPPOSITE SURFACES'. A search dropdown menu is open, showing a list of options with checkboxes: '1A - AAE1001 - W/MTG TABS/FLANGES, TERMINALS ON OPPOSITE SURFACES' (checked), '2A - AAE1002 - W/MTG TABS/FLANGES, TERMINAL(S) ON ONE SURFACE', '3A - AAE1003 - W/MTG TABS/FLANGES TERMINALS ON OPPOSITE SURFACES', '4A - AAE1004 - W/MTG TABS/FLANGES, TERMINAL(S) ON ONE SURFACE', and '5A - AAE1005 - W/MTG TABS/FLANGES, TERMINAL(S) ON ONE SURFACE'.

Select appropriate value from drop down

The screenshot shows the same web interface as above, but with the search dropdown menu closed. The 'AAQL - BODY STYLE - L' MRC is still selected, and 'Matching NSNs: 13' is shown. Below the 'Drawings' dropdown, there is an 'Other value' text box. At the bottom of the interface, there is a 'Matching NSNs: 13' label and a blue button with a magnifying glass icon and the text 'Display result(s)'.

Results displayed are

The screenshot displays the NMCRL VOD interface. At the top, there's a search bar and navigation icons. Below, a table lists search results for NSN 5910-12-371-7709. The results show various capacitor items with their status. A detailed view of the selected item (NSN 5910-12-371-7709) is shown below, including item identification, classification, references, and characteristics. A red box highlights the characteristic 'W/MTG TABS/FLANGES, TERMINALS ON OPPOSITE SURFACES'.

Other Values Search for mode L

The screenshot shows the 'Other Values Search for mode L' interface. It displays a search for INC 22321 - BELL CRANK. The search results include MRCs (Code - Title - Mode Code) and a list of matching NSNs. A red box highlights the 'Other value' field containing '3 ARMS'.

Result displayed is

← ↻ 🏠 <https://eportaltest.nspa.nato.int/Codification/NMCRWeb/en/itemofsupply/981049503> 🔍 🌟 🗂️ 📧 📄 📅

NMCR WVED brought to you by NSPA **NSPA** NEW ZEALAND **TURN ON TEST** 🏠 🔔 🌐 🔄 🗂️ 📄 📅

NSN 1680-98-104-9503 Owner: NEW ZEALAND Assignment Date: 09 Jul 1974 Update date(s): 27 Sep 2009 (last u...) ⏪ ⏩ 📌 Not pinned

Item Identification & Classification **References (1)** **Characteristics** **Packaging**

Status
4 - Cancelled NSN without replacement NSN (for L...)

Type of Item Identification
K - Full Descriptive - Reference Item Identification

Item name
22321 - BELL CRANK

NATO supply class
1680 - Miscellaneous Aircraft Accessories and Components

Common Procurement Vocabulary
42142000-6 - Parts of gearing and driving elements

Registered Users
There is no registered users for this NSN.

Registered NSPA Project Codes
NSPA project codes are not available for this NSN.

References (1)

NCAGE
E0052 - PACIFIC AEROSPACE LTD

Reference number
07-43103-1

RNSC	RNCC	RNVC	DAC	RNFC	RNJC
A	3	2	1	4	

Procurement status
Non Procurable

RNAAC
NZL
NEW ZEALAND

Characteristics

BPQZ - AA ARM END HOLE DIAMETER
0.185 INCHES NOMINAL

BRPD - CENTER TO CENTER DISTANCE BETWEEN FULCRUM AND BB ARM END HOLE
2.900 INCHES NOMINAL

BPR - BB ARM END RADIUS
0.190 INCHES NOMINAL


BPRW - AA ARM THICKNESS
0.025 INCHES NOMINAL

BPRX - BB ARM THICKNESS
0.025 INCHES NOMINAL

BPK - BB ARM END HOLE DIAMETER
0.185 INCHES NOMINAL

REAT - SPECIAL FEATURES
2ND AND 3RD ARMS IDENTICAL.WASHER.07-43103-15 BRAZED TO SHAFT TUBE.WASHER.AN960-8 EASY-FLO PROCESS TO LEVER HOLES.ALL LEVERS TO BE ARGON ARC WELDED TO SHAFT TUBE

MATL - MATERIAL
STEEL SAE 4130

STYLE - STYLE DESIGNATOR 

3 ARMS

SURF - SURFACE TREATMENT
PAINT, ETCH PRIMER AND PAINT

Coded Characteristics

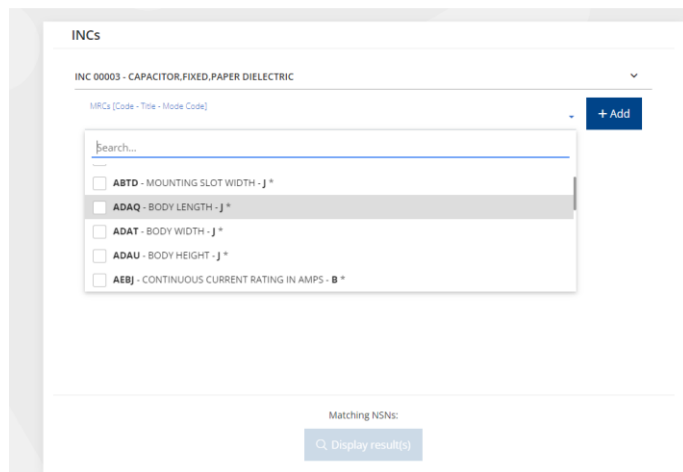
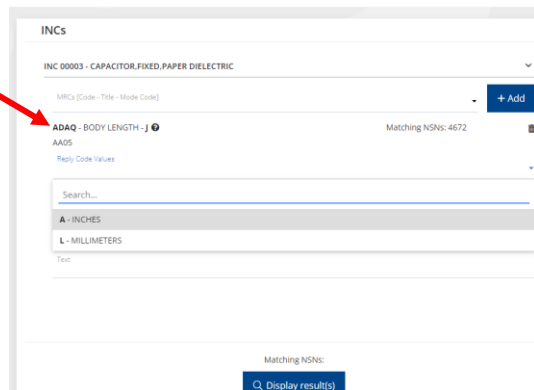
4.8 Search Characteristics with mode Code J

Usually a combination of reply code and numeric value. But it can be clear text also in some cases, in that case the Other Value field should be used.

Conversion is applied only for reply code table AA05 and the following units: INCHES, MILES, CENTIMETERS, DEGREES, MICROMETERS, FEET, KILOGRAMS, POUNDS, KILOMETERS, MILLIMETERS, METERS, POINTS, RADIANS, YARDS.

Example with MRC ADAQ

Select the INC and select the characteristics (ADAQ) from the drop down



Click on ADD and select appropriate values

INC 00003 - CAPACITOR, FIXED, PAPER DIELECTRIC

MFCs [Code - Title - Mode Code] + Add

ADAQ - BODY LENGTH - J Matching NSNs: 4672

AA05
Reply Code Values
L - MILLIMETERS

AC20
Reply Code Values
A - NOMINAL

Search...

A - NOMINAL
B - MINIMUM
C - MAXIMUM

Matching NSNs:
Display result(s)

INC 00003 - CAPACITOR, FIXED, PAPER DIELECTRIC

ADAQ - BODY LENGTH - J Matching NSNs: 34

AA05
Reply Code Values
L - MILLIMETERS

AC20
Reply Code Values
B - MINIMUM

Min	Max
7	20

Text

Matching NSNs: 34
Display result(s)

Usually combination of reply code and numerical value. But can be clear text also in some cases (use 'Other value' in that case). Conversion is applied only for Reply Code Table AA05 and the following units: INCHES, MILES, CENTIMETERS, DEGREES, MICROMETERS, FEET, KILOGRAMS, POUNDS, KILOMETERS, MILLIMETERS, METERS, POINTS, RADIANS, YARDS.

https://eportatetest.nspa.nato.int/Codification/NMCRWeb/en/search?mode=characteristic

Search NMCR for...

Items of supply

NSN	Item name	Status	NSN	Item name	Status
5910-99-956-3484	CAPACITOR, FIXED, PAPER DIELECTRIC	B - Cancelled inactive NSN (originally NSN with ...)	5910-12-129-3256	CAPACITOR, FIXED, PAPER DIELECTRIC	B - Inactive NSN without user
TIC	14 Items	References	TIC	14 Items	References
M - Partial Descriptive - Reference Item Identification	Q11	Q14	4 - Partial Descriptive Item Identification	Q11	Q16
5910-12-129-3259	CAPACITOR, FIXED, PAPER DIELECTRIC	B - Inactive NSN without user	5910-12-129-3260	CAPACITOR, FIXED, PAPER DIELECTRIC	B - Inactive NSN without user
TIC	14 Items	References	TIC	14 Items	References
4 - Partial Descriptive Item Identification	Q11	Q14	4 - Partial Descriptive Item Identification	Q11	Q14
5910-12-129-7285	CAPACITOR, FIXED, PAPER DIELECTRIC	D - Active NSN with user	5910-12-141-4231	CAPACITOR, FIXED, PAPER DIELECTRIC	D - Active NSN with user
TIC	14 Items	References	TIC	14 Items	References
4 - Partial Descriptive Item Identification	Q11	Q15	4 - Partial Descriptive Item Identification	Q11	Q15
5910-99-195-0868	CAPACITOR, FIXED, PAPER DIELECTRIC	B - Cancelled inactive NSN (originally NSN with ...)	5910-12-154-0738	CAPACITOR, FIXED, PAPER DIELECTRIC	D - Active NSN with user
TIC	14 Items	References	TIC	14 Items	References
N - Partial Descriptive - Reference - Descriptive Item Id...	Q11	Q12	M - Partial Descriptive - Reference Item Identification	Q11	Q13
5910-12-128-3054	CAPACITOR, FIXED, PAPER DIELECTRIC	B - Inactive NSN without user	5910-12-129-9593	CAPACITOR, FIXED, PAPER DIELECTRIC	D - Active NSN with user
TIC	14 Items	References	TIC	14 Items	References
M - Partial Descriptive - Reference Item Identification	Q11	Q14	M - Partial Descriptive - Reference Item Identification	Q11	Q15
5910-12-129-8995	CAPACITOR, FIXED, PAPER DIELECTRIC	D - Active NSN with user	5910-99-410-3379	CAPACITOR, FIXED, PAPER DIELECTRIC	B - Cancelled inactive NSN (originally NSN with ...)
TIC	14 Items	References	TIC	14 Items	References
4 - Partial Descriptive Item Identification	Q11	Q15	N - Partial Descriptive - Reference - Descriptive Item Id...	Q11	Q14

https://eportaltest.nspa.nato.int/Codification/NMCRWeb/en/itemofsupply/121397285

Item Identification & Classification

Item: 5910-12-139-7285

Item Identification

3- Active NDN with user

4- Partial Descriptive Item Identification

NSPAR Code

1- Assigned from NSPAR code for this item involved is so unique in de...

Item Name

99000 - CAPACITOR, FIXED, PAPER DIELECTRIC

NSPAR Code

5910 - Capacitors

Common Procurement Vocabulary

31711151-4 - Fixed capacitors

Registered Users

DMT

Registered NSPAR Project Codes

NSPAR project codes are not available for this item.

References (5)

NSPAR Code: A1028 - RHEINMETALL ITALIA SPA

Reference number: TR225-5

NSPAR Code	NSPAR Code	NSPAR Code	DAC	NSPAR Code	NSPAR Code
D	5	2	6	4	NSPAR Code

Procurement status: Potentially Procureable

NSPAR Code: C2463 - RHEINMETALL SOLDIER ELECTRONICS GMBH

Reference number: TR225-5

NSPAR Code	NSPAR Code	NSPAR Code	DAC	NSPAR Code	NSPAR Code
A	5	2	3	4	NSPAR Code

Procurement status: Procureable

NSPAR Code: D5243 - VISHAY ELECTRONIC GMBH+GESCHAFTSBEREICH ROEDERSTEIN+ESTA UNL...

Reference number: TR225-5

NSPAR Code	NSPAR Code	NSPAR Code	DAC	NSPAR Code	NSPAR Code
D	3	2	5	4	NSPAR Code

Procurement status: Potentially Procureable

NSPAR Code: D5286 - DIN DEUTSCHES INSTITUT FUER NORMUNG EV

Reference number: 2500-030-402DN41161

NSPAR Code	NSPAR Code	NSPAR Code	DAC	NSPAR Code	NSPAR Code
B	5	9	3	4	NSPAR Code

Procurement status: Non Procureable

NSPAR Code: S3092 - RHEINMETALL AIR DEFENCE AG

Reference number: TR225-5

NSPAR Code	NSPAR Code	NSPAR Code	DAC	NSPAR Code	NSPAR Code
D	5	2	6	4	NSPAR Code

Procurement status: Potentially Procureable

Decoded Characteristics

NAME - PAPER

CAPACITOR, FIXED, PAPER DIELECTRIC

NSPAR CODE: 5910

WVO MFG FACILITIES, TERMINALS ON OPPOSITE ENDS

A482 - RELIABILITY HISTORY

NOT ESTABLISHED

A8T - TERMINAL LENGTH

30.0 MILLIMETERS NOMINAL

A8R1 - BODY DIA/TYPE

7.0 MILLIMETERS NOMINAL AND 7.5 MILLIMETERS MAXIMUM

A0C - BODY DIA/TYPE

18.0 MILLIMETERS MINIMUM AND 18.5 MILLIMETERS MAXIMUM

1.5 MILLIMETERS NOMINAL

1.5 MILLIMETERS NOMINAL

IEEE STANDARD CIRCUIT SYMBOL

NO COMMON OR GROUNDED ELECTRODES

0200 - CAPACITANCE VALUE REF SECTION

300000 PROGRAMS SINGLE SECTION

0201 - INDICATED OPERATING TEMP

A401 - DCV CELL/SLD MINIMUM AND 50.0 DCV CELL/SLD MAXIMUM

0204 - INDICATED RESISTANCE VALUE REF SECTION

630.0 DC SINGLE SECTION

0205 - TOLERANCE RANGE REF SECTION

MODIFIED PERCENT SINGLE SECTION

0206 - DCR MATERIAL

CERAMIC

0207 - REGULATION REFERENCE AT REFERENCE TEMP

12000.0 MEGOHMS

TEMP - REF DATA DOCUMENT

0208 - DPM140 STANDARD (INCLUDES INDUSTRY OR ASSOCIATION STANDARDS, INDIVIDUAL MANUFACTURER STANDARDS, ETC.)

0209 - TERMINAL TYPE AND QUANTITY

2 TAB, SOLDERS LUG

Mode Code J with TEXT field Search

INCs

INC 02134 - SWITCH, ROTARY

MRCs [Code - Title - Mode Code]

+ Add

PMLC - PRECIOUS MATERIAL AND LOCATION - J

Matching NSNs: 2335

MA01

Reply Code Values

Min Max

Text

Matching NSNs: 2335

Display result(s)

Select the REPLY CODE VALUE from the drop down

INCs

INC 02134 - SWITCH, ROTARY

MRCs [Code - Title - Mode Code]

+ Add

PMLC - PRECIOUS MATERIAL AND LOCATION - J

Matching NSNs: 6

MA01

Reply Code Values

AGA000 - SILVER

Search...

AGA000 - SILVER

AUA000 - GOLD

AZA000 - OSMIUM

IRA000 - IRIIDIUM

PDA000 - PALLADIUM

Matching NSNs: 6

Display result(s)

Enter a valid TEXT

INCS

INC 02134 - SWITCH,ROTARY

Usually combination of reply code and numerical value. But can be clear text also in some cases (use 'Other value' in that case). Conversion is applied only for Reply Code Table AA05 and the following units: INCHES, MILES, CENTIMETERS, DEGREES, MICROMETERS, FEET, KILOGRAMS, POUNDS, KILOMETERS, MILLIMETERS, METERS, POINTS, RADIANS, YARDS.

Min Max

Text
CONTACT

Matching NSNs: 6

Display result(s)

Results displayed are

NMCRL Web brought to you by NSPA

YOU'RE ON TEST

Search NMCRL for... Categories Search

Items of supply

NSN	Item name	Status
5930-14-585-1484	SWITCH,ROTARY	0 - Active NSN with user
5930-14-520-8087	SWITCH,ROTARY	0 - Active NSN with user
5930-14-575-1147	SWITCH,ROTARY	0 - Active NSN with user
5930-00-073-6549	SWITCH,ROTARY	0 - Active NSN with user
5930-14-523-5765	SWITCH,ROTARY	0 - Active NSN with user
5930-14-483-3487	SWITCH,ROTARY	0 - Active NSN with user

6 displayed 6 found

Click on any to view the NSN Details

NMCRL Web brought to you by NSPA

YOU'RE ON TEST

Back NSN 5930-14-585-1484 Owner FRANCE Assignment Date 08 Sep 2015 Update details 14 Oct 2019 (last e...)

Item identification & Classification

Status: 0 - Active NSN with user

Type of item identification: 4 - Partial Descriptive Item Identification

Item name: 02134 - SWITCH,ROTARY

Registered Users: FRA

References (1)

NSN: F0518 - MAFFLEC

Reference number: LC22 8902PRA20T

Procurement status: Procurable

Characteristics

3.0

CLIP - TERMINAL TYPE

LANGUETTE DOUBLE POUR CLIP 6,5MM

CTHF - CONTACT LOAD CURRENT RATING HIGHEST AC VOLTAGE RATING AT SEA LEVEL

8.0 AMPERES LAMP LOAD

CTHF - CONTACT LOAD CURRENT RATING LOWEST AC VOLTAGE RATING AT SEA LEVEL

8.0 AMPERES LAMP LOAD AND 15.0 AMPERES LAMP LOAD

CTHF - CONTACT LOAD CURRENT RATING HIGHEST DC VOLTAGE RATING AT SEA LEVEL

1.0 AMPERES LAMP LOAD AND 8.0 AMPERES LAMP LOAD

CTHF - CONTACT LOAD CURRENT RATING LOWEST DC VOLTAGE RATING AT SEA LEVEL

4.0 AMPERES LAMP LOAD AND 15.0 AMPERES LAMP LOAD

CTHF - PART NAME ASSIGNED BY CONTROLLING AGENCY

INVERSEUR ROTATIF NOIR A CROSSE DROITE BIPOLAIRE 3 POSITIONS 1 A RAPPEL DE DROITE A GAUCHE AVEC SHUNTS

FEAT - SPECIAL FEATURES

BOUTON A COLLERETTE CHROME; JOINT T; AVEC SHUNT; MASSE: 115 G (INVERSEUR); 36 G (BOUTON).

PMLC - PRECIOUS MATERIAL AND LOCATION

CONTACT SILVER

Coded Characteristics

NAME - D02134

4.9 Characteristics Combinations

Search of NSNs can also be done selecting multiple MRCs as shown below.

Example with MRCs – CBBL, ADAQ and AEBJ

The screenshot shows a search interface for NSNs. At the top, the search criteria are defined by three MRCs (Material Release Codes):

- AEBJ** - CONTINUOUS CURRENT RATING IN AMPS - B (Matching NSNs: 35)
- ADAQ** - BODY LENGTH - J (Matching NSNs: 1374)
- CBBL** - FEATURES PROVIDED - D (Matching NSNs: 1057)

At the bottom of the search criteria, it indicates "Matching NSNs: 1" and a button to "Display results(s)".

NSN satisfying all the search condition is

The screenshot shows the NMCR L interface for NSN 5910-00-080-8466. The main content area is divided into several sections:

- Item Identification & Classification:** Shows the item name "00003 - CAPACITOR, FIXED, PAPER DIELECTRIC" and other classification details.
- References (8):** Lists eight references, including "56289 - SPRAGUE ELECTRIC CO WORLD HQS" and "81349 - MILITARY SPECIFICATIONS PROMULGATED BY MILITARY DEPARTMENTS/AG...".
- Decoded Characteristics:** Lists various characteristics such as "4420 - BODY STYLE", "4435 - RELIABILITY INDICATOR", "4821 - TERMINAL LENGTH", "4828 - BODY DIAMETER", "4830 - BODY LENGTH", "4832 - BODY LENGTH", "4833 - BODY LENGTH", "4834 - BODY LENGTH", "4835 - BODY LENGTH", "4836 - BODY LENGTH", "4837 - BODY LENGTH", "4838 - BODY LENGTH", "4839 - BODY LENGTH", "4840 - BODY LENGTH", "4841 - BODY LENGTH", "4842 - BODY LENGTH", "4843 - BODY LENGTH", "4844 - BODY LENGTH", "4845 - BODY LENGTH", "4846 - BODY LENGTH", "4847 - BODY LENGTH", "4848 - BODY LENGTH", "4849 - BODY LENGTH", "4850 - BODY LENGTH", "4851 - BODY LENGTH", "4852 - BODY LENGTH", "4853 - BODY LENGTH", "4854 - BODY LENGTH", "4855 - BODY LENGTH", "4856 - BODY LENGTH", "4857 - BODY LENGTH", "4858 - BODY LENGTH", "4859 - BODY LENGTH", "4860 - BODY LENGTH", "4861 - BODY LENGTH", "4862 - BODY LENGTH", "4863 - BODY LENGTH", "4864 - BODY LENGTH", "4865 - BODY LENGTH", "4866 - BODY LENGTH", "4867 - BODY LENGTH", "4868 - BODY LENGTH", "4869 - BODY LENGTH", "4870 - BODY LENGTH", "4871 - BODY LENGTH", "4872 - BODY LENGTH", "4873 - BODY LENGTH", "4874 - BODY LENGTH", "4875 - BODY LENGTH", "4876 - BODY LENGTH", "4877 - BODY LENGTH", "4878 - BODY LENGTH", "4879 - BODY LENGTH", "4880 - BODY LENGTH", "4881 - BODY LENGTH", "4882 - BODY LENGTH", "4883 - BODY LENGTH", "4884 - BODY LENGTH", "4885 - BODY LENGTH", "4886 - BODY LENGTH", "4887 - BODY LENGTH", "4888 - BODY LENGTH", "4889 - BODY LENGTH", "4890 - BODY LENGTH", "4891 - BODY LENGTH", "4892 - BODY LENGTH", "4893 - BODY LENGTH", "4894 - BODY LENGTH", "4895 - BODY LENGTH", "4896 - BODY LENGTH", "4897 - BODY LENGTH", "4898 - BODY LENGTH", "4899 - BODY LENGTH", "4900 - BODY LENGTH", "4901 - BODY LENGTH", "4902 - BODY LENGTH", "4903 - BODY LENGTH", "4904 - BODY LENGTH", "4905 - BODY LENGTH", "4906 - BODY LENGTH", "4907 - BODY LENGTH", "4908 - BODY LENGTH", "4909 - BODY LENGTH", "4910 - BODY LENGTH", "4911 - BODY LENGTH", "4912 - BODY LENGTH", "4913 - BODY LENGTH", "4914 - BODY LENGTH", "4915 - BODY LENGTH", "4916 - BODY LENGTH", "4917 - BODY LENGTH", "4918 - BODY LENGTH", "4919 - BODY LENGTH", "4920 - BODY LENGTH", "4921 - BODY LENGTH", "4922 - BODY LENGTH", "4923 - BODY LENGTH", "4924 - BODY LENGTH", "4925 - BODY LENGTH", "4926 - BODY LENGTH", "4927 - BODY LENGTH", "4928 - BODY LENGTH", "4929 - BODY LENGTH", "4930 - BODY LENGTH", "4931 - BODY LENGTH", "4932 - BODY LENGTH", "4933 - BODY LENGTH", "4934 - BODY LENGTH", "4935 - BODY LENGTH", "4936 - BODY LENGTH", "4937 - BODY LENGTH", "4938 - BODY LENGTH", "4939 - BODY LENGTH", "4940 - BODY LENGTH", "4941 - BODY LENGTH", "4942 - BODY LENGTH", "4943 - BODY LENGTH", "4944 - BODY LENGTH", "4945 - BODY LENGTH", "4946 - BODY LENGTH", "4947 - BODY LENGTH", "4948 - BODY LENGTH", "4949 - BODY LENGTH", "4950 - BODY LENGTH", "4951 - BODY LENGTH", "4952 - BODY LENGTH", "4953 - BODY LENGTH", "4954 - BODY LENGTH", "4955 - BODY LENGTH", "4956 - BODY LENGTH", "4957 - BODY LENGTH", "4958 - BODY LENGTH", "4959 - BODY LENGTH", "4960 - BODY LENGTH", "4961 - BODY LENGTH", "4962 - BODY LENGTH", "4963 - BODY LENGTH", "4964 - BODY LENGTH", "4965 - BODY LENGTH", "4966 - BODY LENGTH", "4967 - BODY LENGTH", "4968 - BODY LENGTH", "4969 - BODY LENGTH", "4970 - BODY LENGTH", "4971 - BODY LENGTH", "4972 - BODY LENGTH", "4973 - BODY LENGTH", "4974 - BODY LENGTH", "4975 - BODY LENGTH", "4976 - BODY LENGTH", "4977 - BODY LENGTH", "4978 - BODY LENGTH", "4979 - BODY LENGTH", "4980 - BODY LENGTH", "4981 - BODY LENGTH", "4982 - BODY LENGTH", "4983 - BODY LENGTH", "4984 - BODY LENGTH", "4985 - BODY LENGTH", "4986 - BODY LENGTH", "4987 - BODY LENGTH", "4988 - BODY LENGTH", "4989 - BODY LENGTH", "4990 - BODY LENGTH", "4991 - BODY LENGTH", "4992 - BODY LENGTH", "4993 - BODY LENGTH", "4994 - BODY LENGTH", "4995 - BODY LENGTH", "4996 - BODY LENGTH", "4997 - BODY LENGTH", "4998 - BODY LENGTH", "4999 - BODY LENGTH", "5000 - BODY LENGTH".

4.10 Search Non-Approved Item Name

Tick the check box “Include Non approved item name for search”.
On selecting it, item number 77777 is displayed at the bottom.

The screenshot shows the 'Name and Class Lookup' interface. The search filter 'Include Non Approved Item Name for search' is checked. The search results table lists the following items:

Type	Value	Title/Name	Description / Note
Name	00001	ELECTRON TUBE	An enclosure, including two or more electrodes, in which a flow of electrons may occur through a vacuum or a contained gas. The electronic conduction takes place either by means of electrons emitted from a cathode or by ionization of the contained gas. Includes phototubes (photoemissive type only), Geiger-Mueller tubes, traveling wave tubes, cathode ray tubes and microwave tubes (Klystron, magnetron, or the like) EXCLUDES: items whose primary purpose is to produce light energy, PHOTOELECTRIC CELL, and SEMICONDUCTOR DEVICE (as modified).
Name	00003	CAPACITOR, FIXED, PAPER DIELECTRIC	A capacitor whose capacitance value cannot be adjusted or varied, having paper as the dielectric material. It may be a single unit or consist of two or more fixed units which cannot be separated. For items whose dielectric material consist of plasticized (plastic impregnated) paper or paper-plastic combinations, see CAPACITOR, FIXED, PLASTIC DIELECTRIC. For items whose electrodes consist of a metallic film deposited (metalized) on the dielectric material, see CAPACITOR, FIXED, METALIZED, PAPER-PLASTIC DIELECTRIC.
Name	00004	CAPACITOR, FIXED, GLASS DIELECTRIC	A capacitor, whose capacitance value cannot be adjusted or varied, having a glass (silicas) or glass like substance (e.g., porcelain, vitreous enamel) as the dielectric material. It may be a single unit, or consist of two or more fixed units which cannot be separated.
Name	00005	CAPACITOR, FIXED, MICA DIELECTRIC	A capacitor, whose capacitance value cannot be adjusted or varied, having natural sheet mica or reconstituted flaked mica formed into sheets as the dielectric material. It may be a single unit, or consist of two or more fixed units which cannot be separated.

For **MRC-INC 77777** (Non Approved Item Name), there is no dropdown for MRCs field as for other INCs, but the field is an autocomplete, starting to show values when you type 3 characters

The screenshot shows the MRCs field in the application. The field is labeled "MRCs (Code - Title - Mode Code)" and has a "+ Add" button. Below the field, there is a "Matching NSNs:" section with a "Display result(s)" button.

INCs

INC 77777 - Non Approved Item Name

INC (Code - Title - Model Code)

NAME

+ Add

AJMK - END ITEM NAME - A

AJMB - BASIC GARMENT CLOTH NAME - D

AJNB - LAMINATED CLOTH LAYER CLOTH NAME - D

AJNZ - LINING CLOTH NAME - D

AJPD - COLLAR CLOTH NAME - D

AJPU - LINER CLOTH NAME - D

Matching NSNs:

Display result(s)

Select appropriate characteristics for search and enter valid data

INCs

INC 77777 - Non Approved Item Name

INC (Code - Title - Model Code)

CLQL - ALLOQUIAL NAME - G

Matching NSNs: 12

SPRING

Matching NSNs: 12

Display result(s)

https://eportaltest.nspa.nato.int/Codification/NMCRWeb/en/search?mode=characteristic

NMCRL

Search NMCRL for:

Items of supply

NSN	Item name	Status	NSN	Item name	Status
5325-32-072-3230	SPRING,FASTNER BUTT	0 - Active NON with user	5360-99-216-0802	SPRING,ACTUATING	0 - Active NON with user
TIC	NSN: 0/11	References: 0/3	TIC	NSN: 0/11	References: 0/3
4 - Partial Descriptive Item Identification			M - Partial Descriptive - Reference Item Identification		
1095-13-113-9437	SPRING,SEAR ASSY	0 - Active NON with user	1095-13-112-2512	SPRING,REAR SIGHT	0 - Active NON with user
TIC	NSN: 0/11	References: 0/1	TIC	NSN: 0/11	References: 0/1
4 - Partial Descriptive Item Identification			4 - Partial Descriptive Item Identification		
1095-13-112-3334	SPRING,ATCHET,REAR	0 - Active NON with user	5360-13-110-9364	SPRING,ASSEMBLY	0 - Active NON with user
TIC	NSN: 0/11	References: 0/1	TIC	NSN: 0/11	References: 0/6
4 - Partial Descriptive Item Identification			4 - Partial Descriptive Item Identification		
1095-13-116-2599	SPRING,BUFFER VALVE	0 - Active NON with user	1670-43-001-4772	SPRING,MECHANISM,ME	0 - Active NON with user
TIC	NSN: 0/11	References: 0/1	TIC	NSN: 0/11	References: 0/1
4 - Partial Descriptive Item Identification			4 - Partial Descriptive Item Identification		
5360-43-002-0266	SPRING,SET,FLAT,ZES	0 - Active NON with user	5360-43-002-2684	SPRING,ASSEMBLY,FLA	0 - Active NON with user
TIC	NSN: 0/11	References: 0/1	TIC	NSN: 0/11	References: 0/2
4 - Partial Descriptive Item Identification			4 - Partial Descriptive Item Identification		
5360-46-143-3108	UNIT,SPRING	0 - Active NON with user	1095-13-116-2872	SPRING	0 - Active NON with user
TIC	NSN: 0/11	References: 0/2	TIC	NSN: 0/11	References: 0/2
4 - Partial Descriptive Item Identification			4 - Partial Descriptive Item Identification		

12 displayed

12 found

Clicking on any to view NSN Details

Item identification & Classification

0 - Active NSN with user

4 - Partial Descriptive Item Identification

1 - An Appraised Item Name does not exist. Use this code when submitting a type...

Item Name: 77777 - SPRINGFASTNER BUTT

NSN: 5325-32-072-3230

5325 - Fastening Devices

Registered Users

NSP

Registered NSPA Project Codes

NSPA project codes are not available for this NSN.

References (3)

NSAGE Q4075 - ST ENGINEERING ELECTRONICS LTD
Reference number: MILCOM 4000-9040

NSIC	NSICC	NSICD	DAC	NSICF	NSICG
B	0	9	9	4	

Procurement status: Non Procurable

NSAGE Q4075 - ST ENGINEERING ELECTRONICS LTD
Reference number: 7465-280

NSIC	NSICC	NSICD	DAC	NSICF	NSICG
B	4	9	9	4	

Procurement status: Non Procurable

NSAGE REF0 - THIS NSAGE IS USED TO INFORM THAT THE DESIGN CONTROL AUTHORITY C...
Reference number: NO PRIMARY REF 32-072.3230

NSIC	NSICC	NSICD	DAC	NSICF	NSICG
B	3	2	9	4	

Procurement status: Non Procurable

Decoded Characteristics

NAME: SPRINGFASTNER BUTT


NSN: 5325-32-072-3230

SPRINGFASTNER BUTT

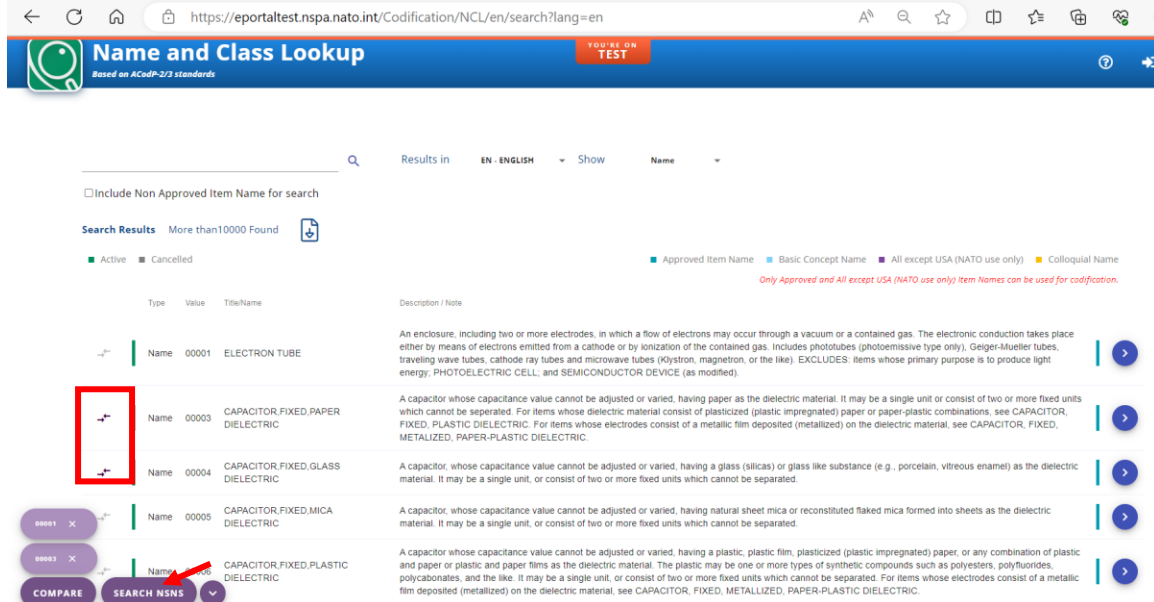
ITEM DESCRIPTION: C/W SPRING ON ONE SIDE L-SHAPED 35.5 MM LG, 17.00 MM X 16.00 MM HEIGHT FOR FIELD MESSAGE TERMINAL KY 5000

Coded Characteristics

5. Multiple SEARCH NSNs

For performing search on multiple INCs, click on the  icons placed in front of the INCs (Up to 4 items can be selected simultaneously).

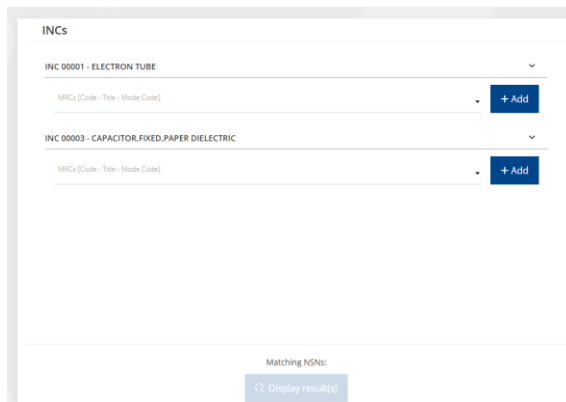
Select the INCs and click on SEARCH NSNS



The screenshot shows the 'Name and Class Lookup' interface. The search results table includes the following items:

Type	Value	Title/Name	Description / Note
Name	00001	ELECTRON TUBE	An enclosure, including two or more electrodes, in which a flow of electrons may occur through a vacuum or a contained gas. The electronic conduction takes place either by means of electrons emitted from a cathode or by ionization of the contained gas. Includes phototubes (photoemissive type only), Geiger-Mueller tubes, traveling wave tubes, cathode ray tubes and microwave tubes (Klystron, magnetron, or the like). EXCLUDES: items whose primary purpose is to produce light energy, PHOTOELECTRIC CELL, and SEMICONDUCTOR DEVICE (as modified).
Name	00003	CAPACITOR, FIXED, PAPER DIELECTRIC	A capacitor whose capacitance value cannot be adjusted or varied, having paper as the dielectric material. It may be a single unit or consist of two or more fixed units which cannot be separated. For items whose dielectric material consist of plasticized (plastic impregnated) paper or paper-plastic combinations, see CAPACITOR, FIXED, PLASTIC DIELECTRIC. For items whose electrodes consist of a metallic film deposited (metallized) on the dielectric material, see CAPACITOR, FIXED, METALLIZED, PAPER-PLASTIC DIELECTRIC.
Name	00004	CAPACITOR, FIXED, GLASS DIELECTRIC	A capacitor, whose capacitance value cannot be adjusted or varied, having a glass (silicas) or glass like substance (e.g., porcelain, vitreous enamel) as the dielectric material. It may be a single unit, or consist of two or more fixed units which cannot be separated.
Name	00005	CAPACITOR, FIXED, MICA DIELECTRIC	A capacitor, whose capacitance value cannot be adjusted or varied, having natural sheet mica or reconstituted flaked mica formed into sheets as the dielectric material. It may be a single unit, or consist of two or more fixed units which cannot be separated.
Name	00006	CAPACITOR, FIXED, PLASTIC DIELECTRIC	A capacitor whose capacitance value cannot be adjusted or varied, having a plastic, plastic film, plasticized (plastic impregnated) paper, or any combination of plastic and paper or plastic and paper films as the dielectric material. The plastic may be one or more types of synthetic compounds such as polyesters, polyfluorides, polycarbonates, and the like. It may be a single unit, or consist of two or more fixed units which cannot be separated. For items whose electrodes consist of a metallic film deposited (metallized) on the dielectric material, see CAPACITOR, FIXED, METALLIZED, PAPER-PLASTIC DIELECTRIC.

On Clicking Search NSNs



The screenshot shows the 'INC's' selection interface. It lists two items with their respective MICA (Code - Title - Mode Code) and '+ Add' buttons:

- INC 00001 - ELECTRON TUBE
- INC 00003 - CAPACITOR, FIXED, PAPER DIELECTRIC

At the bottom, there is a 'Matching NSNs:' section with a 'Display result(s)' button.

Select appropriate Characteristics and values for each

INCs

INC 00001 - ELECTRON TUBE

MRCs (Code - Title - Mode Code) + Add

AKFU - ENVELOPE MATERIAL - D Matching NSNs: 6

MA01

Reply Code Values
PCA000 - PLASTIC

Other value

INC 00003 - CAPACITOR, FIXED, PAPER DIELECTRIC

MRCs (Code - Title - Mode Code) + Add

ADAQ - BODY LENGTH - J Matching NSNs: 4

AA05

Reply Code Values
L - MILLIMETERS

AC20

Reply Code Values
A - NOMINAL

Min: 7 Max: 9

Text

Matching NSNs: 10

Display results()

All the NSNs matching the above criteria gets displayed (for both INCs)

https://eportaltest.nspa.nato.int/Codification/NMCRWeb/en/search?mode=characteristic

NMCR Web

Search NMCR for...

Items of supply

NSN	Item name	Status	NSN	Item name	Status
5960-37-518-9991	ELECTRON TUBE	0 - Active NSN with user	5960-41-000-1934	ELECTRON TUBE	0 - Active NSN with user
M - Partial Descriptive - Reference Item Identification	0/11	Reference	4 - Partial Descriptive Item Identification	0/11	0/3
5960-41-000-1935	ELECTRON TUBE	0 - Active NSN with user	5960-99-038-4508	ELECTRON TUBE	6 - Inactive NSN without user
4 - Partial Descriptive Item Identification	0/11	Reference	4 - Partial Descriptive Item Identification	0/11	0/2
5960-99-000-2413	ELECTRON TUBE	0 - Active NSN with user	5960-99-000-2482	ELECTRON TUBE	0 - Active NSN with user
4 - Partial Descriptive Item Identification	0/11	Reference	4 - Partial Descriptive Item Identification	0/11	0/5
5910-00-071-4871	CAPACITOR, FIXED, PAPER DIELECTRIC	0 - Active NSN with user	5910-14-224-8276	CAPACITOR, FIXED, PAPER DIELECTRIC	6 - Inactive NSN without user
K - Full Descriptive - Reference Item Identification	0/11	Reference	4 - Partial Descriptive Item Identification	0/11	0/4
5910-14-224-8277	CAPACITOR, FIXED, PAPER DIELECTRIC	6 - Inactive NSN without user	5910-14-227-9146	CAPACITOR, FIXED, PAPER DIELECTRIC	8 - Cancelled inactive NSN (originally NSN with ...)
4 - Partial Descriptive Item Identification	0/11	Reference	4 - Partial Descriptive Item Identification	0/11	0/2

10 displayed 10 found