R
22.6 Max
W
B On flat
VV Thread
S
Ø A

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material   : Aluminium

-Shell Plating   : Olive drab Cadmium

-Insulator   : Thermoplastic

-Contacts   : Copper Alloy

-Seals & Grommet   : Silicon Elastomer

-Contact Plating   : Gold over copper Alloy 0.8μm minimum

-Durability   : 500 Mating cycles

-Delivered with Souriau contacts and Accessories

-Temperature Range   : -65°C to +175°C

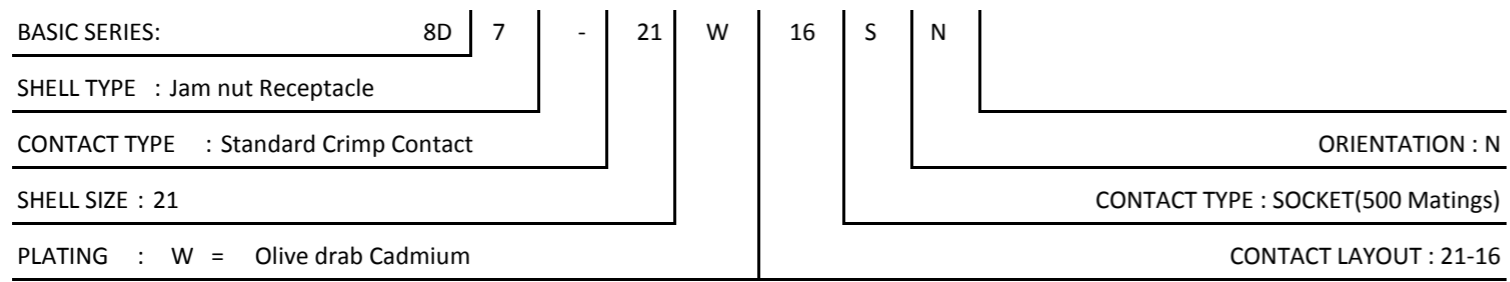-Salt Spray   : 500 hours

-Mass   : 65.57 g ± 10%

Connector dimension	
Dim	**Nominal**
A	52.4±0.3
B	36.5+0.1/-0.15
R	32.5Max
S	49.2±0.4
W	3+0.9/-0.1
VV THREAD	M31x1-6g

SOURIAU shall not be liable for any non-conformity or damage
due to a use of the Products which does not comply with
the Specifications issued by either of the Parties or by a third party
(professional recommendation, technical notice.)

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D721W16SN

A	08-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Aluminium Receptacle 8D series

BASIC SERIES: 8D   7   -   21   W   16   S   N

SHELL TYPE   : Jam nut Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 21

PLATING   : W =   Olive drab Cadmium

ORIENTATION : N

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 21-16

SCALE   General linear Tolerances: ±--

NA

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SOURIAU DRG N°
8D721W16SN-C

SHEET
1/2

Contact Layout

Contacts (Insert arrangement 21-16)						
Contact position ID	Location		Contact position ID	Location		
	X-axis	Y-axis		X-axis	Y-axis	
A	+.118 (3.00)	+.322 (8.18)	J	-.341 (8.66)	+.036 (0.91)	
B	+.271 (6.88)	+.211 (5.36)	K	-.271 (6.88)	+.211 (5.36)	
C	+.341 (8.66)	+.036 (0.91)	L	-.118 (3.00)	+.322 (8.18)	
D	+.308 (7.82)	-.150 (3.81)	M	+.000 (0.00)	+.175 (4.45)	
E	+.182 (4.62)	-.290 (7.37)	N	+.154 (3.91)	+.062 (1.57)	
F	+.000 (0.00)	-.343 (8.71)	P	+.094 (2.39)	-.122 (3.10)	
G	-.182 (4.62)	-.290 (7.37)	R	-.094 (2.39)	-.122 (3.10)	
H	-.308 (7.62)	-.150 (3.81)	S	-.154 (3.91)	+.062 (1.57)	

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
21	-16	16	16	II	All	MS20055-16

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)

Max. thickness panel for receptacle:Type 7: 3.2 mm

Dim	Nominal
B	37.08+0/-0.25
ØC	38.35+0.25/-0

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D721W16SN

A	08-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: | Date: | CUSTOMER DRAWING

TITLE | Aluminium Receptacle 8D series

SCALE

NA

General linear Tolerances: ±--

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