



LAYOUT SHOWN AS EXAMPLE

Keying 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 : 55.27 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: 8D721W48AA**

A	08-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>

<b>TITLE</b>	Aluminium Receptacle 8D series		
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SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	<b>859</b>

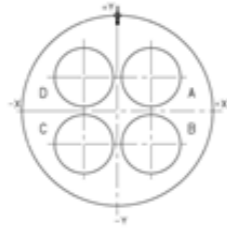
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FORMAT	<b>SOURIAU DRG N° 8D721W48AA-C</b>		SHEET
<b>A3</b>			<b>1/2</b>

BASIC SERIES:	8D	7	-	21	W	48	A	A	ORIENTATION : A
SHELL TYPE :	Jam nut Receptacle								
CONTACT TYPE :	Standard Crimp Contact								
SHELL SIZE :	21								
PLATING :	W = Olive drab Cadmium								
	CONTACT TYPE : PIN(500 Matings)								
	CONTACT LAYOUT : 21-48								

Contact Layout

**48**



4#8 Power

21-48		
Ctc	X	Y
A	4.57	4.57
B	4.57	-4.57
C	-4.57	-4.57
D	-4.57	4.57

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



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

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NA			
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FORMAT	<b>SOURIAU DRG N° 8D721W48AA-C</b>		SHEET 2/2