



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Nickel
- Insulator : Thermoplastic
- Contacts : Copper Alloy
- Seals & Grommet : Silicon Elastomer
- Contact Plating : Gold over copper Alloy 0.8µm minimum
- Durability : 500 Mating cycles
- Delivered without Souriau contacts
- Temperature Range : -65°C to +200°C
- Salt Spray : 48 hours
- Mass : 44.16 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

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Country	Jurisdiction & Control List
FR	Not Listed

**PN: 8D721F48PBL**

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

Designed By: \_\_\_\_\_ Date: \_\_\_\_\_ **CUSTOMER DRAWING**

<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° 8D721F48PBL-C</b>		SHEET
<b>A3</b>			1/2

BASIC SERIES:	8D	7	-	21	F	48	P	B	L	Delivered W/O Contacts
SHELL TYPE :	Jam nut Receptacle									ORIENTATION : B
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : PIN(500 Matings)
SHELL SIZE :	21									CONTACT LAYOUT : 21-48
PLATING :	F = Nickel									

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)



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

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

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FORMAT	<b>SOURIAU DRG N° 8D721F48PBL-C</b>		SHEET 2/2