



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

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: 8D721F42PAL**

A	08-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	<b>Aluminium Receptacle 8D series</b>		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
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FORMAT	<b>A3</b>		SOURIAU DRG N° <b>8D721F42PAL-C</b>
			SHEET 1/2

BASIC SERIES:	8D	7	-	21	F	42	P	A	L	Delivered W/O Contacts
SHELL TYPE :	Jam nut Receptacle									ORIENTATION : A
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : PIN(500 Matings)
SHELL SIZE :	21									CONTACT LAYOUT : 21-42
PLATING :	F = Nickel									

Contact Layout

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2#4 Power

21-42		
Ctc	X	Y
A	0	6.19
B	0	-6.19

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° 8D721F42PAL-C</b>		SHEET 2/2