



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- 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 : 2000 hours

Connector dimension	
Dim	Nominal
ØS	41.7 Max
Z'	31.5 Max
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: 8D521M42PAL**

A	08-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>

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

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FORMAT	<b>SOURIAU DRG N° 8D521M42PAL-C</b>	SHEET
<b>A3</b>		<b>1/2</b>

BASIC SERIES:	8D	5	-	21	M	42	P	A	L	Delivered W/O Contacts
SHELL TYPE :	Plug with RFI Shielding									ORIENTATION : A
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : PIN(500 Matings)
SHELL SIZE :	21									CONTACT LAYOUT : 21-42
PLATING :	M = Nickel									

Contact Layout

42



2#4 Power

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

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