

H G F E D C B A



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Without Plating
- 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 +175°C
- Salt Spray : 2000 hours
- Mass : 29.3 g ± 10%

Connector dimension	
Dim	Nominal
ØS	41.7 Max
Z	31 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: 8D521X48PAL

A	11-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE		Composite Plug 8D series	
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	SOURIAU DRG N° 8D521X48PAL-C		SHEET 1/2

BASIC SERIES:	8D	5	-	21	X	48	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 : 21-48					
PLATING :	X = Without Plating									

H G F E D C B A

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

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Designed By:		Date:	CUSTOMER DRAWING
TITLE	Composite Plug 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D521X48PAL-C		SHEET 2/2