



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
- Mass : 40.8 g ± 10%

Connector dimension	
Dim	Nominal
ØS	48 Max
Z'	31.5 Max
VV THREAD	M37x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D525M11PEL

A	07-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE		Composite Plug 8D series	
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT A3	SOURIAU DRG N° 8D525M11PEL-C		SHEET 1/2

BASIC SERIES:	8D	5	-	25	M	11	P	E	L	Delivered W/O Contacts
SHELL TYPE :	Plug with RFI Shielding									ORIENTATION : E
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : PIN(500 Matings)
SHELL SIZE :	25									CONTACT LAYOUT : 25-11
PLATING :	M = Nickel									

4
3
2
1

Contact Layout



Contacts (Insert arrangement 25-11)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	-000 (0.00)	-431 (10.95)	G	-431 (10.95)	-000 (0.00)
B	+304 (7.72)	+304 (7.72)	H	-304 (7.72)	+304 (7.72)
C	+431 (10.95)	+000 (0.00)	J	+000 (0.00)	+102 (2.59)
D	+304 (7.72)	-304 (7.72)	K	+092 (2.34)	-160 (4.06)
E	+000 (0.00)	-431 (10.95)	L	-092 (2.34)	-160 (4.06)
F	-304 (7.72)	-304 (7.72)	---	---	---

NOTES:
1. All dimensions are true position.
2. Front face of pin insert shown.

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location
25	-11	9	10	N	A,B,C,D,E,F, G,H,J
		2	20		L,K

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TITLE	Composite Plug 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D525M11PEL-C		SHEET 2/2