



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

Connector dimension	
Dim	Nominal
ØS	48 Max
Z	31 Max
VV THREAD	M37x1-6g

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 : 40.8 g ± 10%

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: 8D525X11PEL

A	11-10-2016	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
NA	SOURIAU WWW.SOURIAU.COM		This document is the property of SOURIAU it must not be reproduced or communicated without permission
FORMAT	A3		SOURIAU DRG N° 8D525X11PEL-C SHEET 1/2

BASIC SERIES: 8D 5 - 25 X 11 P E L

SHELL TYPE : Plug with RFI Shielding Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : E

SHELL SIZE : 25 CONTACT TYPE : PIN(500 Matings)

PLATING : X = Without Plating CONTACT LAYOUT : 25-11

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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NA		±--	859
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FORMAT	SOURIAU DRG N° 8D525X11PEL-C		SHEET 2/2