



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

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

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Olive drab Cadmium
- Insulator : Thermoplastic
- Contacts : Copper Alloy
- Seals & Grommet : Silicon Elastomer
- Contact Plating : Gold over copper Alloy 0.8µm minimum
- Durability : 500 Mating cycles
- Delivered with Souriau contacts and Accessories
- Temperature Range : -65°C to +175°C
- Salt Spray : 2000 hours
- Mass : 78.5 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: 8D525J29BC**

A	07-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>

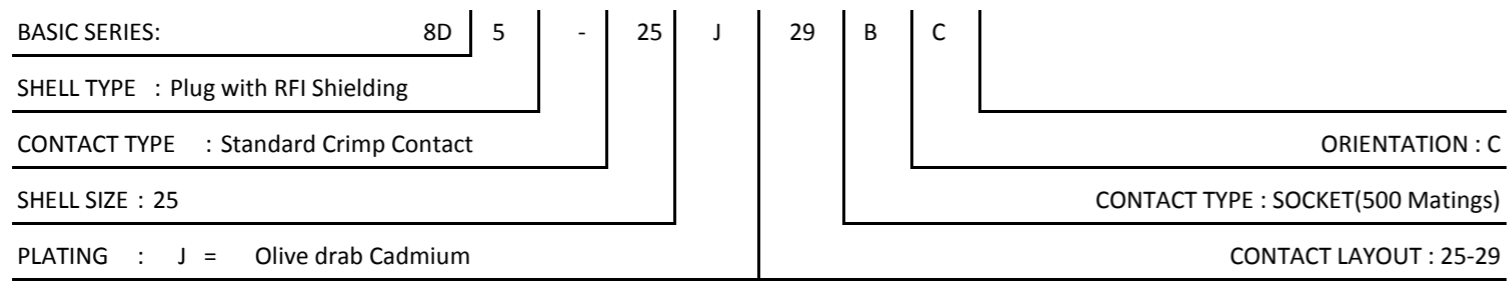
**TITLE** Composite Plug 8D series

SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	<b>859</b>

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FORMAT	<b>SOURIAU DRG N° 8D525J29BC-C</b>		SHEET
<b>A3</b>			<b>1/2</b>



BASIC SERIES:

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 25

PLATING : J = Olive drab Cadmium

ORIENTATION : C

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 25-29

4  
3  
2  
1

**Contact Layout**



Contacts  
(Insert arrangement 25-29)

Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+000 (0.00)	+481 (12.22)	S	-.091 (2.31)	+321 (8.15)
B	+258 (6.55)	+406 (10.31)	T	+091 (2.31)	+321 (8.15)
C	+395 (10.03)	+277 (7.04)	U	+228 (5.79)	+194 (4.93)
D	+469 (11.91)	+109 (2.77)	V	+319 (8.10)	+000 (0.00)
E	-.460 (11.91)	-.100 (2.77)	W	-.240 (6.10)	-.181 (4.60)
F	+395 (10.03)	-.277 (7.04)	X	+091 (2.31)	-.290 (7.37)
G	+263 (6.68)	-.406 (10.31)	Y	-.091 (2.31)	-.290 (7.37)
H	+091 (2.31)	-.472 (11.99)	Z	-.240 (6.10)	-.181 (4.60)
J	-.091 (2.31)	-.472 (11.99)	a	-.319 (8.10)	+000 (0.00)
K	-.263 (6.68)	-.406 (10.31)	b	-.228 (5.79)	+194 (4.93)
L	-.395 (10.03)	-.277 (7.04)	c	+000 (0.00)	+161 (4.09)
M	-.469 (11.91)	-.109 (2.77)	d	+134 (3.40)	+000 (0.00)
N	-.469 (11.91)	+109 (2.77)	e	+000 (0.00)	-.130 (3.30)
P	-.395 (10.03)	+277 (7.04)	f	-.134 (3.40)	+000 (0.00)
R	-.258 (6.55)	+406 (10.31)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
25	-29	29	16	I	All	MS20057-29

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FORMAT	<b>SOURIAU DRG N° 8D525J29BC-C</b>		SHEET 2/2