



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

Connector dimension	
Dim	Nominal
ØS	21.8 Max
Z'	31.5 Max
VV THREAD	M12x1-6g

**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 : 9.8 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: 8D509J98BB**

A	14-10-2016	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>

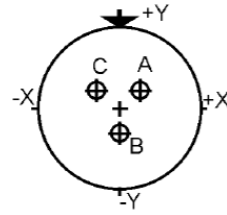
BASIC SERIES:	8D	5	-	09	J	98	B	B	ORIENTATION : B
SHELL TYPE :	Plug with RFI Shielding								CONTACT TYPE : SOCKET(500 Matings)
CONTACT TYPE :	Standard Crimp Contact								CONTACT LAYOUT : 09-98
SHELL SIZE :	09								
PLATING :	J = Olive drab Cadmium								

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FORMAT	<b>SOURIAU DRG N° 8D509J98BB-C</b>		SHEET
<b>A3</b>			<b>1/2</b>

Contact Layout



Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+065 (1.65)	+038 (0.97)
B	+000 (0.00)	-075 (1.91)
C	-065 (1.65)	+038 (0.97)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
9	-98	3	20	I	All	MS20049-98

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FORMAT	<b>SOURIAU DRG N° 8D509J98BB-C</b>		SHEET 2/2