



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Black Zinc Nickel
- 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 : 500 hours
- Mass : 11.47 g ± 10%

Connector dimension	
Dim	Nominal
ØS	21.8 Max
Z	31 Max
VV THREAD	M12x1-6g

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: 8D509Z98AE**

A	15-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>

BASIC SERIES:	8D	5	-	09	Z	98	A	E
SHELL TYPE :	Plug with RFI Shielding							
CONTACT TYPE :	Standard Crimp Contact							
SHELL SIZE :	09							
PLATING :	Z = Black Zinc Nickel							
								ORIENTATION : E
								CONTACT TYPE : PIN(500 Matings)
								CONTACT LAYOUT : 09-58

<b>TITLE</b>		Aluminium Plug 8D series	
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
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FORMAT	<b>A3</b>		SOURIAU DRG N° <b>8D509Z98AE-C</b>
			SHEET 1/2

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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