



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- 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 without Souriau contacts
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours
- Mass : 16.26 g ± 10%

Connector dimension	
Dim	Nominal
ØS	25 Max
Z	31 Max
VV THREAD	M15x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D511W04SDL

A	17-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING

TITLE		Aluminium Plug 8D series	
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	A3		SOURIAU DRG N° 8D511W04SDL-C
			SHEET 1/2

BASIC SERIES:	8D	5	-	11	W	04	S	D	L	Delivered W/O Contacts
SHELL TYPE :	Plug with RFI Shielding				ORIENTATION : D					
CONTACT TYPE :	Standard Crimp Contact				CONTACT TYPE : SOCKET(500 Matings)					
SHELL SIZE :	11				CONTACT LAYOUT : 11-04					
PLATING :	W = Olive drab Cadmium									

H G F E D C B A

Contact Layout



Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+0.65 (1.65)	+0.65 (1.65)
B	+0.65 (1.65)	-0.65 (1.65)
C	-0.65 (1.65)	-0.65 (1.65)
D	-0.65 (1.65)	+0.65 (1.65)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
11	-4	4	20	I	All	MS20050-4

4

3

2

1

4

3

2

1

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TITLE	Aluminium Plug 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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H G F E D C B A