



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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours
- Mass : 24.82 g ± 10%

Connector dimension	
Dim	Nominal
ØS	29.4 Max
Z	31 Max
VV THREAD	M18x1-6g

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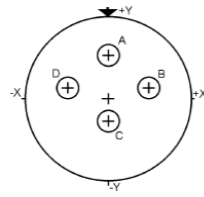
Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D513W04BN

A	19-10-2016	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
SOURIAU		WWW.SOURIAU.COM	
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FORMAT	SOURIAU DRG N° 8D513W04BN-C		SHEET 1/2

BASIC SERIES:	8D	5	-	13	W	04	B	N		
SHELL TYPE :	Plug with RFI Shielding									
CONTACT TYPE :	Standard Crimp Contact									
SHELL SIZE :	13									
PLATING :	W = Olive drab Cadmium									
					ORIENTATION : N		CONTACT TYPE : SOCKET(500 Matings)			
					CONTACT LAYOUT : 13-04					

Contact Layout



Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)
A	+000 (0.00)	+150 (3.81)
B	+146 (3.71)	+035 (0.89)
C	+000 (0.00)	-083 (2.11)
D	-146 (3.71)	+035 (0.89)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
13	-4	4	16	I	All	MS20051-4

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Designed By:		Date:	CUSTOMER DRAWING
TITLE	Aluminium Plug 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D513W04BN-C		SHEET 2/2