



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Nickel
- 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 +200°C
- Salt Spray : 48 hours
- Mass : 19.8 g ± 10%

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

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: 8D513F04PBL

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

TITLE	Aluminium Plug 8D series		
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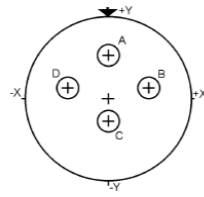
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859

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FORMAT	SOURIAU DRG N° 8D513F04PBL-C	SHEET
A3		1/2

BASIC SERIES:	8D	5	-	13	F	04	P	B	L	Delivered W/O Contacts
SHELL TYPE :	Plug with RFI Shielding									ORIENTATION : B
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : PIN(500 Matings)
SHELL SIZE :	13									CONTACT LAYOUT : 13-04
PLATING :	F = Nickel									

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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TITLE	Aluminium Plug 8D series		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	SOURIAU DRG N° 8D513F04PBL-C		SHEET 2/2