



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- 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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 2000 hours
- Mass : 17.2 g ± 10%

Connector dimension	
Dim	Nominal
ØS	29.4 Max
Z'	31.5 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: 8D513M04AE**

A	18-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>

<b>TITLE</b>	<b>Composite Plug 8D series</b>		
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SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	<b>859</b>

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FORMAT	<b>SOURIAU DRG N° 8D513M04AE-C</b>		SHEET
<b>A3</b>			<b>1/2</b>

BASIC SERIES:	8D	5	-	13	M	04	A	E
SHELL TYPE :	Plug with RFI Shielding							
CONTACT TYPE :	Standard Crimp Contact							
SHELL SIZE :	13							
PLATING :	M = Nickel							
					ORIENTATION : E		CONTACT TYPE : PIN(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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FORMAT	<b>SOURIAU DRG N° 8D513M04AE-C</b>		SHEET 2/2