



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- 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 : 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: 8D513J98AD**

A	17-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>		Composite Plug 8D series	
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
<b>SOURIAU</b>		<b>WWW.SOURIAU.COM</b>	
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FORMAT	<b>SOURIAU DRG N° 8D513J98AD-C</b>		SHEET 1/2

BASIC SERIES:	8D	5	-	13	J	98	A	D	ORIENTATION : D
SHELL TYPE :	Plug with RFI Shielding								CONTACT TYPE : PIN(500 Matings)
CONTACT TYPE :	Standard Crimp Contact								CONTACT LAYOUT : 13-98
SHELL SIZE :	13								
PLATING :	J = Olive drab Cadmium								

4  
3  
2  
1

8  
7  
6  
5  
4  
3  
2  
1

**Contact Layout**



Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)
A	+000 (0.00)	+195 (4.95)
B	+125 (3.18)	+150 (3.81)
C	+193 (4.90)	+030 (0.76)
D	-104 (4.17)	-105 (2.67)
E	+000 (0.00)	-135 (3.43)
F	-164 (4.17)	-105 (2.67)
G	-193 (4.90)	+030 (0.76)
H	-125 (3.18)	+150 (3.81)
J	+065 (1.65)	-015 (0.38)
K	-065 (1.65)	-015 (0.38)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
13	-98	10	20	I	All	MS20051-98

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FORMAT	<b>SOURIAU DRG N° 8D513J98AD-C</b>		SHEET 2/2