



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 without Souriau contacts
- Temperature Range : -65°C to +175°C
- Salt Spray : 2000 hours
- Mass : 19.6 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: 8D513J08SCL**

A	17-10-2016	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>	
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
<b>SOURIAU</b>		<b>WWW.SOURIAU.COM</b>	
This document is the property of SOURIAU it must not be reproduced or communicated without permission			
FORMAT	<b>SOURIAU DRG N° 8D513J08SCL-C</b>		SHEET 1/2

BASIC SERIES:	8D	5	-	13	J	08	S	C	L	Delivered W/O Contacts
SHELL TYPE :	Plug with RFI Shielding					ORIENTATION : C				
CONTACT TYPE :	Standard Crimp Contact					CONTACT TYPE : SOCKET(500 Matings)				
SHELL SIZE :	13					CONTACT LAYOUT : 13-08				
PLATING :	J = Olive drab Cadmium									

Contact Layout



Contacts (insert arrangement 13-8)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+065 (1.65)	+157 (3.99)
B	+170 (4.32)	+000 (0.00)
C	+120 (3.05)	-120 (3.05)
D	+000 (0.00)	-170 (4.32)
E	-120 (3.05)	-120 (3.05)
F	-170 (4.32)	+000 (0.00)
G	-065 (1.65)	+157 (3.99)
H	+000 (0.00)	+044 (1.12)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
13	-8	8	20	I	All	MS20051-8

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: 8D513J08SCL

A	17-10-2016	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>		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	<b>859</b>
<b>SOURIAU</b>	<b>WWW.SOURIAU.COM</b>		This document is the property of SOURIAU it must not be reproduced or communicated without permission
FORMAT	<b>SOURIAU DRG N° 8D513J08SCL-C</b>		SHEET 2/2