



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

Connector dimension	
Dim	Nominal
ØS	35.7 Max
Z'	31.5 Max
VV THREAD	M25x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

**PN: 8D517J99HB**

A	14-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>

**TITLE** Composite Plug 8D series

SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	<b>859</b>

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FORMAT	<b>SOURIAU DRG N° 8D517J99HB-C</b>		SHEET
<b>A3</b>			<b>1/2</b>

BASIC SERIES: 8D 5 - 17 J 99 H B

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 17

PLATING : J = Olive drab Cadmium

ORIENTATION : B

CONTACT TYPE : PIN (1500 Matings)

CONTACT LAYOUT : 17-99

4  
3  
2  
1

Contact Layout



Contacts (Insert arrangement 17-99)					
Contact position ID	Contact location		Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	.000 (0.00)	+321 (8.15)	N	-.305 (7.75)	+.099 (2.51)
B	+.131 (3.33)	+.293 (7.44)	P	-.239 (6.07)	+.214 (5.44)
C	+.239 (6.07)	+.214 (5.44)	R	-.131 (3.33)	+.293 (7.44)
D	-.305 (7.75)	-.000 (2.51)	S	.070 (1.78)	-.177 (4.50)
E	+.319 (8.10)	-.034 (0.86)	T	+.070 (1.78)	+.177 (4.50)
F	+.278 (7.06)	-.161 (4.09)	U	+.175 (4.45)	+.094 (2.39)
G	+.189 (4.80)	-.260 (6.60)	V	+.150 (3.81)	-.075 (1.91)
H	+.067 (1.70)	-.314 (7.98)	W	+.000 (0.00)	-.161 (4.09)
J	-.067 (1.70)	-.314 (7.98)	X	-.150 (3.81)	-.075 (1.91)
K	-.189 (4.80)	-.260 (6.60)	Y	-.175 (4.45)	+.094 (2.39)
L	-.278 (7.06)	-.161 (4.09)	Z	+.000 (0.00)	+.025 (0.64)
M	-.319 (8.10)	-.034 (0.86)			

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact position ID	Supersedes
17	-99	2	16	I	W, Z	MS20053-99
		21	20		All others	

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FORMAT	<b>SOURIAU DRG N° 8D517J99HB-C</b>		SHEET 2/2