



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 : 21.8 g ± 10%

Connector dimension	
Dim	Nominal
ØS	32.5 Max
Z'	31.5 Max
VV THREAD	M22x1-6g

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: 8D515J97AN

A	19-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE		Composite Plug 8D series	
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT
NA			859
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FORMAT	SOURIAU DRG N° 8D515J97AN-C		SHEET
A3			1/2

BASIC SERIES:	8D	5	-	15	J	97	A	N	ORIENTATION : N
SHELL TYPE :	Plug with RFI Shielding								CONTACT TYPE : PIN(500 Matings)
CONTACT TYPE :	Standard Crimp Contact								CONTACT LAYOUT : 15-97
SHELL SIZE :	15								
PLATING :	J = Olive drab Cadmium								

Contacts
(Insert arrangement 15-97)



Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+065 (1.65)	+234 (5.94)	G	-207 (5.26)	-.095 (2.41)
B	+178 (4.52)	+178 (4.52)	H	-234 (5.94)	+065 (1.65)
C	+230 (5.84)	-.023 (0.58)	J	-178 (4.52)	+178 (4.52)
D	+178 (4.52)	-178 (4.52)	K	-.065 (1.65)	+234 (5.94)
E	+065 (1.65)	-.234 (5.94)	L	-.047 (1.19)	+.081 (2.06)
F	-.089 (2.26)	-.235 (5.97)	M	+.047 (1.19)	-.081 (2.06)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
15	-97	4 8	16 20	I	C, G, L, M All others	MS20052-97

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