Z'

ØS

VV Thread

Keying Shown as example

LAYOUT 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   : 22.6 g ± 10%

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

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D515J97SCL

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**

BASIC SERIES: 8D   5   -   15   J   97   S   C   L

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 15

PLATING   :   J =   Olive drab Cadmium

Delivered W/O Contacts

ORIENTATION : C

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 15-97

SOURIAU   WWW.SOURIAU.COM

FORMAT	SOURIAU DRG N°	SHEET
A3	8D515J97SCL-C	1/2

Contact Layout

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	16		C, G, L, M	MS20052-97
		8	20	I	All others	

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: 8D515J97SCL

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D515J97SCL-C	2/2