Z

ØS

VV Thread

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material   : Stainless Steel

-Shell Plating   : Passivated

-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 +200°C

-Salt Spray   : 500 hours

-Mass   : 72.01 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	32.5 Max
Z	31 Max
VV THREAD	M22x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D515K97SE

A	19-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE	Stainless Steel Plug 8D series

BASIC SERIES:	8D	5	-	15	K	97	S	E

SHELL TYPE   : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

ORIENTATION : E

SHELL SIZE : 15

CONTACT TYPE : SOCKET(500 Matings)

PLATING   : K =   Passivated

CONTACT LAYOUT : 15-97

SCALE
NA

General linear
Tolerances:
±--

NPRDS / PROJECT
859

SOURIAU   WWW.SOURIAU.COM

FORMAT
A3

SOURIAU DRG N°
8D515K97SE-C

SHEET
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	

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D515K97SE

A	19-10-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE — Stainless Steel Plug 8D series

SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	**859**

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D515K97SE-C	2/2