



LAYOUT SHOWN AS EXAMPLE

Keying 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 without Souriau contacts
- Temperature Range : -65°C to +200°C
- Salt Spray : 500 hours

Connector dimension	
Dim	Nominal
A	41.3±0.3
B	26.97+0.1/-0.15
R	32.5Max
S	38.1±0.4
W	2.2+0.9/-0.1
VV THREAD	M22x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D715K97SCL

A	08-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING

TITLE Stainless Steel Receptacle 8D series

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

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FORMAT	SOURIAU DRG N° 8D715K97SCL-C		SHEET
A3			1/2

BASIC SERIES: 8D 7 - 15 K 97 S C L

SHELL TYPE : Jam nut Receptacle Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : C

SHELL SIZE : 15 CONTACT TYPE : SOCKET(500 Matings)

PLATING : K = Passivated CONTACT LAYOUT : 15-97

Contacts



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

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



Max. thickness panel for receptacle: Type 7: 3.2 mm

Dim	Nominal
B	27.56+0/-0.25
ØC	28.83+0.25/-0

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SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	SOURIAU DRG N° 8D715K97SCL-C		SHEET 2/2