



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- 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 : 500 hours
- Mass : 27.73 g ± 10%

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: 8D715W97PBL**

A	08-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	<b>Aluminium Receptacle 8D series</b>		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
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FORMAT	<b>A3</b>		<b>SOURIAU DRG N° 8D715W97PBL-C</b>
			SHEET 1/2

BASIC SERIES:	8D	7	-	15	W	97	P	B	L	Delivered W/O Contacts
SHELL TYPE :	Jam nut Receptacle									ORIENTATION : B
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : PIN(500 Matings)
SHELL SIZE :	15									CONTACT LAYOUT : 15-97
PLATING :	W = Olive drab Cadmium									

Contact Layout



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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FORMAT	<b>SOURIAU DRG N° 8D715W97PBL-C</b>		SHEET 2/2