



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 : 30.86 g ± 10%

Connector dimension	
Dim	Nominal
A	49.2±0.3
B	33.32+0.1/-0.15
R	32.5Max
S	46±0.4
W	3+0.9/-0.1
VV THREAD	M28x1-6g

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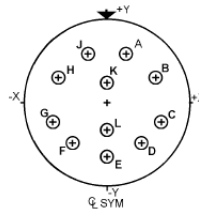
Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D719W11PEL

A	30-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE	Aluminium Receptacle 8D series		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	A3		SOURIAU DRG N° 8D719W11PEL-C
			SHEET 1/2

BASIC SERIES:	8D	7	-	19	W	11	P	E	L	Delivered W/O Contacts
SHELL TYPE	: Jam nut Receptacle									ORIENTATION : E
CONTACT TYPE	: Standard Crimp Contact									CONTACT TYPE : PIN(500 Matings)
SHELL SIZE	: 19									CONTACT LAYOUT : 19-11
PLATING	: W = Olive drab Cadmium									

Contact Layout



Contacts (Insert arrangement 19-11)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+105 (2.67)	+260 (6.60)	G	-275 (6.99)	-053 (1.35)
B	+250 (6.35)	+132 (3.35)	H	-250 (6.35)	+132 (3.35)
C	+275 (6.99)	-053 (1.35)	J	-105 (2.67)	+260 (6.60)
D	+179 (4.55)	-215 (5.46)	K	+000 (0.00)	+105 (2.67)
E	+000 (0.00)	-281 (7.14)	L	+000 (0.00)	-092 (2.34)
F	-179 (4.55)	-215 (5.46)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
19	-11	11	16	II	All	MS20054-11

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



Dim	Nominal
B	33.91+0/-0.25
ØC	35.18+0.25/-0

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FORMAT	SOURIAU DRG N° 8D719W11PEL-C		SHEET 2/2