



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 : 14.97 g ± 10%

Connector dimension	
Dim	Nominal
P	3.25±0.2
PP	4.93±0.2
R1	23.01
R2	20.62
S	28.6±0.3
V	20.83+0/-1.25
W	2.1/2.5
Z	31.5 Max
VV THREAD	M18x1-6g

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: 8D013W08PAL

A	16-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE	Aluminium Receptacle 8D series		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	A3		SOURIAU DRG N° 8D013W08PAL-C
			SHEET 1/2

BASIC SERIES:	8D	0	-	13	W	08	P	A	L	Delivered W/O Contacts
SHELL TYPE :	Square Flange Receptacle									ORIENTATION : A
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : PIN(500 Matings)
SHELL SIZE :	13									CONTACT LAYOUT : 13-08
PLATING :	W = Olive drab Cadmium									

Contact Layout



Contacts (insert arrangement 13-8)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+065 (1.65)	+157 (3.99)
B	+170 (4.32)	+000 (0.00)
C	+120 (3.05)	-120 (3.05)
D	+000 (0.00)	-170 (4.32)
E	-120 (3.05)	-120 (3.05)
F	-170 (4.32)	+000 (0.00)
G	-065 (1.65)	+157 (3.99)
H	+000 (0.00)	+044 (1.12)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
13	-8	8	20	I	All	MS20051-8

Panel Cutout



Dim	Nominal
ØA	23.42 min
ØAA	19.05 min
R1	23.01
ØT	3.25 ±0.13

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Designed By:		Date:	CUSTOMER DRAWING
TITLE	Aluminium Receptacle 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D013W08PAL-C		SHEET 2/2