



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

Connector dimension	
Dim	Nominal
P	3.91±0.2
PP	6.15±0.2
R1	38.1
R2	34.93
S	46±0.3
V	20.07+0/-1.25
W	2.1/3.2
Z	31.5 Max
VV THREAD	M37x1-6g

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: 8D025W17PEL

A	08-10-2016	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° 8D025W17PEL-C
			SHEET 1/2

BASIC SERIES:	8D	0	-	25	W	17	P	E	L	Delivered W/O Contacts
SHELL TYPE :	Square Flange Receptacle									ORIENTATION : E
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : PIN(500 Matings)
SHELL SIZE :	25									CONTACT LAYOUT : 25-17
PLATING :	W = Olive drab Cadmium									

Contact Layout

17



36#22D
6#8 Triax

25-17					
Ctc	X	Y	Ctc	X	Y
A	0	11.1	Y	-6.02	-10.64
B	5.69	13.16	Z	-12.24	0
C	8.36	11.66	a	-6.02	10.64
D	9.52	5.71	b	-3.5	6.17
E	14.25	1.52	c	0	5.08
F	14.25	-1.52	d	3.5	6.17
G	9.52	-5.71	e	4.59	2.54
H	8.36	-11.66	f	5.66	0
J	5.69	-13.16	g	4.39	-2.54
K	0	-11.1	h	3.5	-6.17
L	-5.69	-13.16	j	0	-5.08
M	-8.36	-11.66	k	-3.5	-6.17
N	-9.52	-5.71	m	-4.39	-2.54
P	-14.25	-1.52	n	-5.66	0
R	-14.25	1.52	p	-4.39	2.54
S	-9.52	5.71	r	-1.85	2.54
T	-8.36	11.66	s	1.85	2.54
U	-5.69	13.16	t	3.12	0
V	6.02	10.64	u	1.85	-2.54
W	12.24	0	v	-1.85	-2.54
X	6.02	-10.64	w	-3.12	0

Panel Cutout



Dim	Nominal
ØA	42.47 min
ØAA	37.69 min
R1	38.1
ØT	3.81 ±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° 8D025W17PEL-C		SHEET 2/2