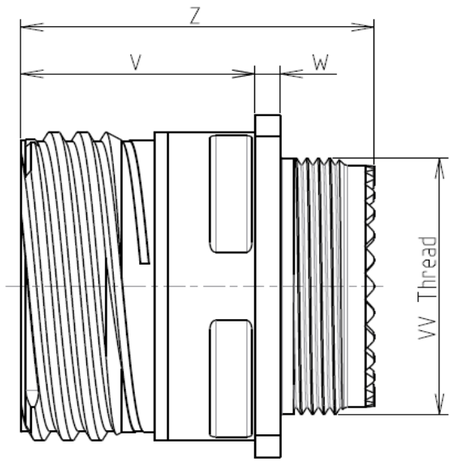
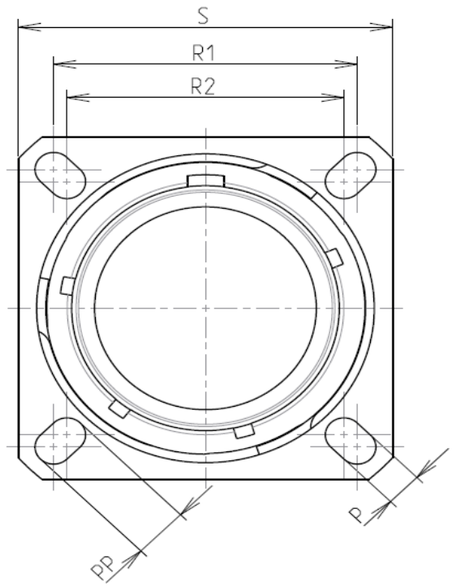
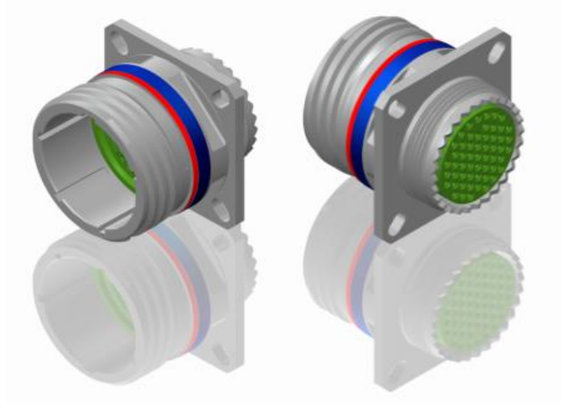




Keying Shown as example



LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Aluminium
-Shell Plating : Nickel
-Insulator : Thermoplastic
-Contacts : Copper Alloy
-Seals & Grommet : Silicon Elastomer
-Contact Plating : Gold over copper Alloy 0.8µm minimum
-Durability : 500 Mating cycles
-Delivered with Souriau contacts and Accessories

-Temperature Range : -65°C to +200°C
-Salt Spray : 48 hours
-Mass : 49.21 g ± 10%

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

BASIC SERIES:	8D	0	-	25	F	35	A	B
SHELL TYPE : Square Flange Receptacle								
CONTACT TYPE : Standard Crimp Contact								
SHELL SIZE : 25								
PLATING : F = Nickel								

ORIENTATION : B
CONTACT TYPE : PIN(500 Matings)
CONTACT LAYOUT : 25-35

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: 8D025F35AB

ISS	DATE	Latest modification - by	MOD N°
A	07-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Receptacle 8D series

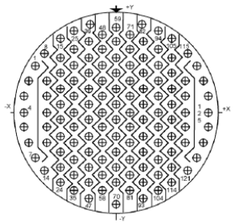
SCALE NA | General linear Tolerances: ±-- | NPRDS / PROJECT **859**

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Contact Layout

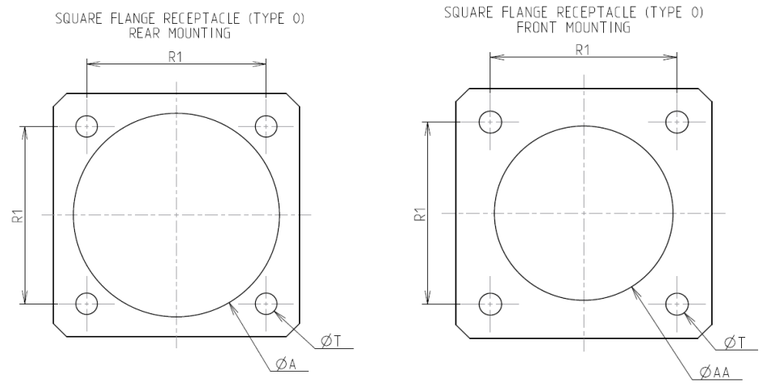


Contacts (Insert arrangement 25-35)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
1	-.479 (12.17)	+.279 (7.09)	65	+.000 (0.00)	-.047 (1.19)
2	-.520 (13.21)	+.190 (4.83)	66	+.000 (0.00)	-.142 (3.61)
3	-.546 (13.87)	+.095 (2.41)	67	+.000 (0.00)	-.237 (6.02)
4	-.555 (14.10)	+.000 (0.00)	68	+.000 (0.00)	-.332 (8.43)
5	-.546 (13.87)	-.095 (2.41)	69	+.000 (0.00)	-.427 (10.85)
6	-.520 (13.21)	-.190 (4.83)	70	+.000 (0.00)	-.555 (14.10)
7	-.479 (12.17)	-.279 (7.09)	71	+.083 (2.11)	+.475 (12.07)
8	-.424 (10.77)	+.357 (9.07)	72	+.083 (2.11)	+.380 (9.65)
9	-.415 (10.54)	+.190 (4.83)	73	+.083 (2.11)	+.285 (7.24)
10	-.415 (10.54)	+.095 (2.41)	74	+.083 (2.11)	+.190 (4.83)
11	-.415 (10.54)	.000 (0.00)	75	+.083 (2.11)	+.095 (2.41)
12	-.415 (10.54)	-.095 (2.41)	76	+.083 (2.11)	+.000 (0.00)
13	-.415 (10.54)	-.190 (4.83)	77	+.083 (2.11)	-.095 (2.41)
14	-.424 (10.77)	-.357 (9.07)	78	+.083 (2.11)	-.190 (4.83)
15	-.332 (8.43)	+.444 (11.28)	79	+.083 (2.11)	-.285 (7.24)
16	-.332 (8.43)	+.332 (8.43)	80	+.083 (2.11)	-.380 (9.65)
17	-.332 (8.43)	+.237 (6.02)	81	+.083 (2.11)	-.475 (12.07)
18	-.332 (8.43)	+.142 (3.61)	82	+.160 (4.06)	+.531 (13.49)
19	-.332 (8.43)	+.047 (1.19)	83	+.166 (4.22)	+.427 (10.85)
20	-.332 (8.43)	-.047 (1.19)	84	+.166 (4.22)	+.332 (8.43)
21	-.332 (8.43)	-.142 (3.61)	85	+.166 (4.22)	+.237 (6.02)
22	-.332 (8.43)	-.237 (6.02)	86	+.166 (4.22)	+.142 (3.61)
23	-.332 (8.43)	-.332 (8.43)	87	+.166 (4.22)	+.047 (1.19)
24	-.332 (8.43)	-.427 (10.85)	88	+.166 (4.22)	-.047 (1.19)
25	-.249 (6.32)	+.496 (12.60)	89	+.166 (4.22)	-.142 (3.61)
26	-.249 (6.32)	+.380 (9.65)	90	+.166 (4.22)	-.237 (6.02)
27	-.249 (6.32)	+.285 (7.24)	91	+.166 (4.22)	-.332 (8.43)
28	-.249 (6.32)	+.190 (4.83)	92	+.166 (4.22)	-.427 (10.85)
29	-.249 (6.32)	+.095 (2.41)	93	+.166 (4.22)	-.522 (13.26)
30	-.249 (6.32)	+.000 (0.00)	94	+.249 (6.32)	+.496 (12.60)
31	-.249 (6.32)	-.095 (2.41)	95	+.249 (6.32)	+.380 (9.65)
32	-.249 (6.32)	-.190 (4.83)	96	+.249 (6.32)	+.285 (7.24)
33	-.249 (6.32)	-.285 (7.24)	97	+.249 (6.32)	+.190 (4.83)
34	-.249 (6.32)	-.380 (9.65)	98	+.249 (6.32)	+.095 (2.41)
35	-.249 (6.32)	-.475 (12.07)	99	+.249 (6.32)	+.000 (0.00)
36	-.160 (4.06)	+.531 (13.49)	100	+.249 (6.32)	-.095 (2.41)
37	-.166 (4.22)	+.427 (10.85)	101	+.249 (6.32)	-.190 (4.83)
38	-.166 (4.22)	+.332 (8.43)	102	+.249 (6.32)	-.285 (7.24)
39	-.166 (4.22)	+.237 (6.02)	103	+.249 (6.32)	-.380 (9.65)
40	-.166 (4.22)	+.142 (3.61)	104	+.249 (6.32)	-.475 (12.07)
41	-.166 (4.22)	+.047 (1.19)	105	+.332 (8.43)	+.444 (11.28)
42	-.166 (4.22)	-.047 (1.19)	106	+.332 (8.43)	+.332 (8.43)
43	-.166 (4.22)	-.142 (3.61)	107	+.332 (8.43)	+.237 (6.02)
44	-.166 (4.22)	-.237 (6.02)	108	+.332 (8.43)	+.142 (3.61)
45	-.166 (4.22)	-.332 (8.43)	109	+.332 (8.43)	+.047 (1.19)
46	-.166 (4.22)	-.427 (10.85)	110	+.332 (8.43)	-.047 (1.19)
47	-.166 (4.22)	-.522 (13.26)	111	+.332 (8.43)	-.142 (3.61)
48	-.083 (2.11)	+.475 (12.07)	112	+.332 (8.43)	-.237 (6.02)
49	-.083 (2.11)	+.380 (9.65)	113	+.332 (8.43)	-.332 (8.43)
50	-.083 (2.11)	+.285 (7.24)	114	+.332 (8.43)	-.427 (10.85)
51	-.083 (2.11)	+.190 (4.83)	115	+.424 (10.77)	+.357 (9.07)
52	-.083 (2.11)	+.095 (2.41)	116	+.415 (10.54)	+.190 (4.83)
53	-.083 (2.11)	+.000 (0.00)	117	+.415 (10.54)	+.095 (2.41)
54	-.083 (2.11)	-.095 (2.41)	118	+.415 (10.54)	+.000 (0.00)
55	-.083 (2.11)	-.190 (4.83)	119	+.415 (10.54)	-.095 (2.41)
56	-.083 (2.11)	-.285 (7.24)	120	+.415 (10.54)	-.190 (4.83)
57	-.083 (2.11)	-.380 (9.65)	121	+.424 (10.77)	-.357 (9.07)
58	-.083 (2.11)	-.475 (12.07)	122	+.479 (12.17)	+.279 (7.09)
59	+.000 (0.00)	+.522 (13.26)	123	+.520 (13.21)	+.190 (4.83)
60	+.000 (0.00)	+.427 (10.85)	124	+.546 (13.87)	+.095 (2.41)
61	+.000 (0.00)	+.332 (8.43)	125	+.555 (14.10)	+.000 (0.00)
62	+.000 (0.00)	+.237 (6.02)	126	+.546 (13.87)	-.095 (2.41)
63	+.000 (0.00)	+.142 (3.61)	127	+.520 (13.21)	-.190 (4.83)
64	+.000 (0.00)	+.047 (1.19)	128	+.479 (12.17)	-.279 (7.09)

(Applicable to MIL-DTL-38999 only)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
25	-35	128	22D	M	All	MS27533-35

Panel Cutout



Dim	Nominal
ØA	42.47 min
ØAA	37.69 min
R1	38.1
ØT	3.81 ±0.13

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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: 8D025F35AB

ISS	DATE	Latest modification - by	MOD N°
A	07-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Receptacle 8D series

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

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