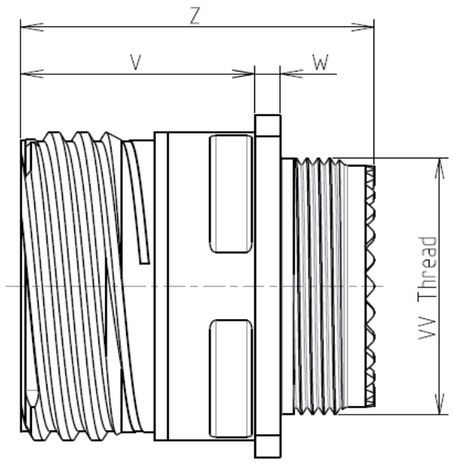
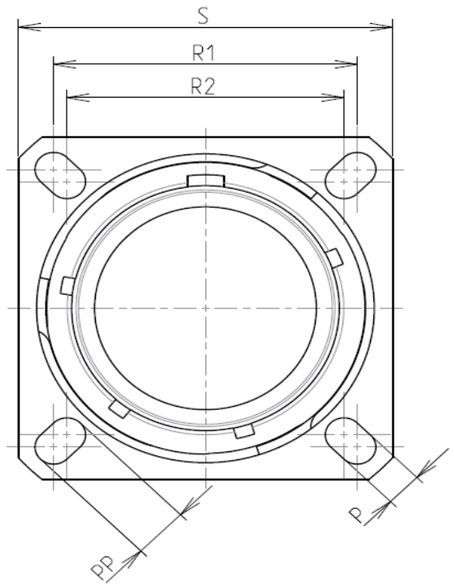
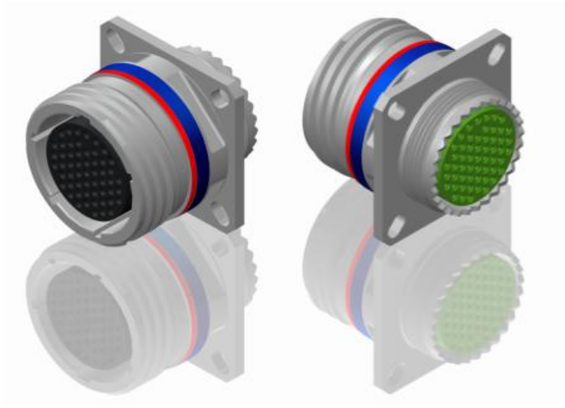




Keying Shown as example



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 : 75.26 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	61	B	B
SHELL TYPE : Square Flange Receptacle								
CONTACT TYPE : Standard Crimp Contact								
SHELL SIZE : 25								
PLATING : F = Nickel								

ORIENTATION : B
CONTACT TYPE : SOCKET(500 Matings)
CONTACT LAYOUT : 25-61

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D025F61BB

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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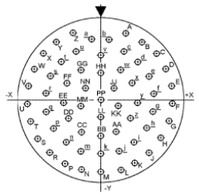
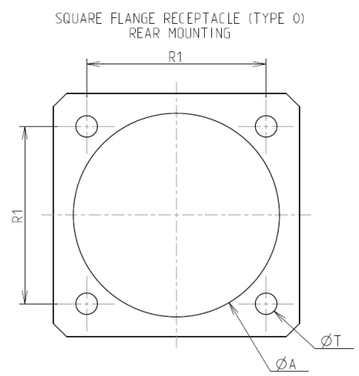
Contact Layout

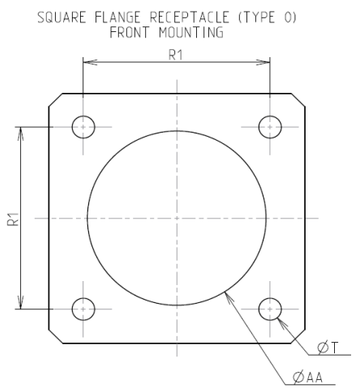


Contacts (Insert arrangement 25-61)					
Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
A	+.196 (4.98)	+.500 (12.70)	j	+.251 (6.38)	-.314 (7.98)
B	+.314 (7.98)	+.435 (11.05)	j	+.133 (3.38)	-.379 (9.63)
C	+.413 (10.49)	+.343 (8.71)	k	+.000 (0.00)	-.402 (10.21)
D	+.485 (12.32)	+.230 (5.84)	m	-.133 (3.38)	-.379 (9.63)
E	+.527 (13.39)	+.101 (2.57)	n	-.251 (6.38)	-.314 (7.98)
F	+.536 (13.61)	-.030 (0.76)	p	-.341 (8.66)	-.213 (5.41)
G	+.511 (12.98)	-.164 (4.17)	q	-.392 (9.96)	-.088 (2.24)
H	+.454 (11.53)	-.287 (7.29)	r	-.399 (10.13)	+.046 (1.17)
J	+.368 (9.35)	-.391 (9.93)	s	-.362 (9.19)	+.175 (4.45)
K	+.259 (6.58)	-.470 (11.94)	t	-.285 (7.24)	+.283 (7.19)
L	+.134 (3.40)	-.519 (13.18)	u	-.173 (4.39)	+.363 (9.22)
M	+.000 (0.00)	-.537 (13.64)	v	+.000 (0.00)	+.338 (8.59)
N	-.134 (3.40)	-.519 (13.18)	w	+.147 (3.73)	+.223 (5.66)
P	-.259 (6.58)	-.470 (11.94)	x	+.237 (6.02)	+.122 (3.10)
R	-.368 (9.35)	-.391 (9.93)	y	+.267 (6.78)	-.010 (0.25)
S	-.454 (11.53)	-.287 (7.29)	z	+.228 (5.79)	-.139 (3.53)
T	-.511 (12.98)	-.164 (4.17)	AA	+.131 (3.33)	-.233 (5.92)
U	-.536 (13.61)	-.030 (0.76)	BB	+.000 (0.00)	-.267 (6.78)
V	-.527 (13.39)	+.101 (2.57)	CC	-.131 (3.33)	-.233 (5.92)
W	-.485 (12.32)	+.230 (5.84)	DD	-.228 (5.79)	-.139 (3.53)
X	-.413 (10.49)	+.343 (8.71)	EE	-.267 (6.78)	-.010 (0.25)
Y	-.314 (7.98)	+.435 (11.05)	FF	-.237 (6.02)	+.122 (3.10)
Z	-.196 (4.98)	+.500 (12.70)	GG	-.147 (3.73)	+.223 (5.66)
a	-.068 (1.73)	+.454 (11.53)	HH	+.000 (0.00)	+.200 (5.08)
b	+.068 (1.73)	+.454 (11.53)	JJ	+.105 (2.67)	+.094 (2.39)
c	+.173 (4.39)	+.363 (9.22)	KK	+.135 (3.43)	-.041 (1.04)
d	+.285 (7.24)	+.283 (7.19)	LL	+.000 (0.00)	-.132 (3.35)
e	+.362 (9.19)	+.175 (4.45)	MM	-.135 (3.43)	-.041 (1.04)
f	+.399 (10.13)	+.046 (1.17)	NN	-.105 (2.67)	+.094 (2.39)
g	+.392 (9.96)	-.088 (2.24)	PP	+.000 (0.00)	+.000 (0.00)
h	+.341 (8.66)	-.213 (5.41)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
25	-61	61	20	I	All	MS20057-61

Panel Cutout





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

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D025F61BB

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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