

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- 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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +175°C
- Salt Spray : 2000 hours

Connector dimension	
Dim	Nominal
P	3.91±0.2
PP	6.15±0.2
R1	34.93
R2	31.75
S	42.9±0.3
V'	18.7+1.4/-0
W'	2.1/4.35
Z'	32 Max
VV THREAD	M34x1-6g

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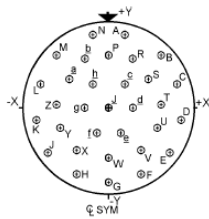
Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D023J32AA

A	22-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE		Composite Receptacle 8D series	
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
NA			
SOURIAU		WWW.SOURIAU.COM	
FORMAT		SOURIAU DRG N° 8D023J32AA-C	
A3		SHEET 1/2	

BASIC SERIES:	8D	0	-	23	J	32	A	A
SHELL TYPE : Square Flange Receptacle								
CONTACT TYPE : Standard Crimp Contact								
SHELL SIZE : 23								
PLATING : J = Olive drab Cadmium								
ORIENTATION : A								
CONTACT TYPE : PIN(500 Matings)								
CONTACT LAYOUT : 23-32								

Contact Layout

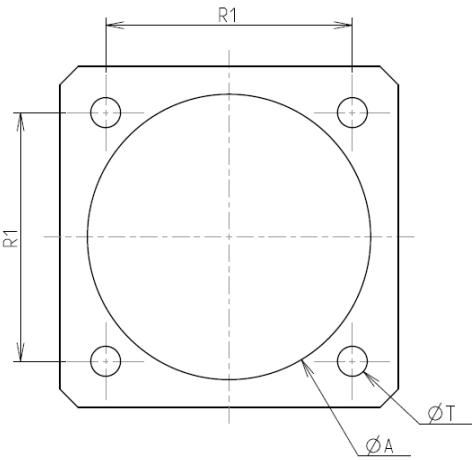


Contacts (Insert arrangement 23-32)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+100 (2.54)	+450 (11.43)	T	+325 (8.26)	+025 (0.64)
B	+325 (8.26)	+325 (8.26)	U	+300 (7.62)	-125 (3.18)
C	+425 (10.80)	+150 (3.81)	V	+200 (5.08)	-250 (6.35)
D	+450 (11.43)	-075 (1.91)	W	+000 (0.00)	-300 (7.62)
E	+375 (9.53)	-275 (6.99)	X	-200 (5.08)	-250 (6.35)
F	+200 (5.08)	-400 (10.16)	Y	-300 (7.62)	-125 (3.18)
G	+000 (0.00)	-450 (11.43)	Z	-325 (8.26)	+025 (0.64)
H	-200 (5.08)	-400 (10.16)	a	-250 (6.35)	+175 (4.45)
J	-375 (9.53)	-275 (6.99)	b	-150 (3.81)	+300 (7.62)
K	-450 (11.43)	-075 (1.91)	c	+100 (2.54)	+150 (3.81)
L	-425 (10.80)	+150 (3.81)	d	+150 (3.81)	+000 (0.00)
M	-325 (8.26)	+325 (8.26)	e	+075 (1.91)	-150 (3.81)
N	-100 (2.54)	+450 (11.43)	f	-075 (1.91)	-150 (3.81)
P	+000 (0.00)	+325 (8.26)	g	-150 (3.81)	+000 (0.00)
R	+150 (3.81)	+300 (7.62)	h	-100 (2.54)	+150 (3.81)
S	+250 (6.35)	+175 (4.45)	j	+000 (0.00)	+000 (0.00)

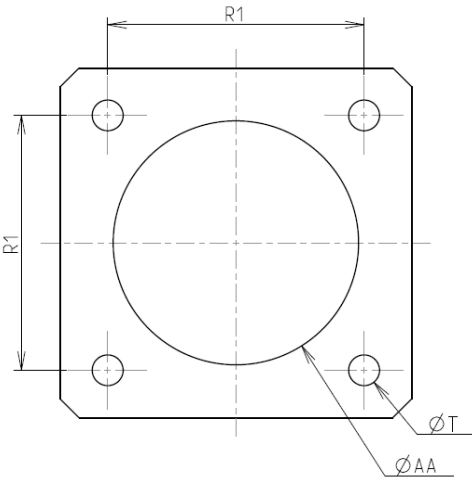
Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
23	-32	32	20	I	All	MS20056-32

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE O)
REAR MOUNTING



SQUARE FLANGE RECEPTACLE (TYPE O)
FRONT MOUNTING

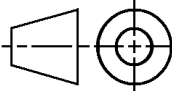


Dim	Nominal
ØA	39.29 min
ØAA	34.93 min
R1	34.93
ØT	3.91 ±0.13

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TITLE		Composite Receptacle 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT	
NA		±--	859	
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FORMAT	SOURIAU DRG N° 8D023J32AA-C			SHEET 2/2