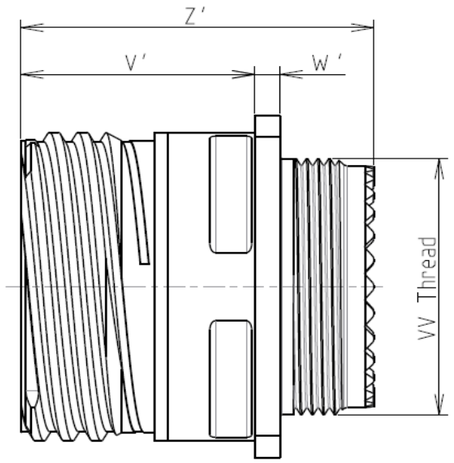
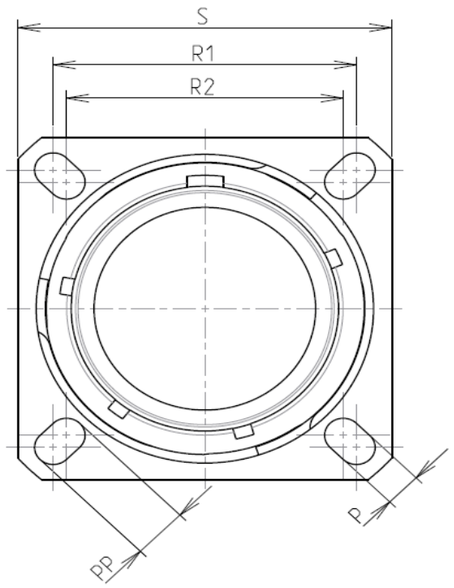
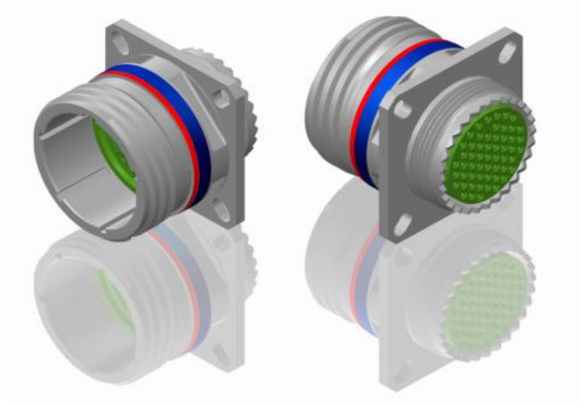




Keying Shown as example



LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Composite
-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 without Souriau contacts

-Temperature Range : -65°C to +200°C
-Salt Spray : 2000 hours
-Mass : 24.6 g ± 10%

Connector dimension	
Dim	**Nominal**
P	3.25±0.2
PP	4.93±0.2
R1	31.75
R2	29.36
S	39.7±0.3
V'	18.7+1.4/-0
W'	2.1/4.35
Z'	32 Max
VV THREAD	M31x1-6g

BASIC SERIES:	8D	0	-	21	M	35	P	N	L
SHELL TYPE : Square Flange Receptacle									Delivered W/O Contacts
CONTACT TYPE : Standard Crimp Contact									ORIENTATION : N
SHELL SIZE : 21									CONTACT TYPE : PIN(500 Matings)
PLATING : M = Nickel									CONTACT LAYOUT : 21-35

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: 8D021M35PNL

ISS	DATE	Latest modification - by	MOD N°
A	02-11-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Composite Receptacle 8D series

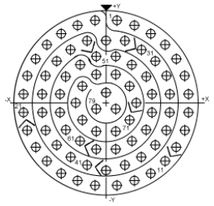
SCALE NA | General linear Tolerances: ±-- | NPRDS / PROJECT **859**

SOURIAU | WWW.SOURIAU.COM

This document is the property of SOURIAU
it must not be reproduced or communicated without permission

FORMAT A3 | SOURIAU DRG N° 8D021M35PNL-C | SHEET 1/2

Contact Layout



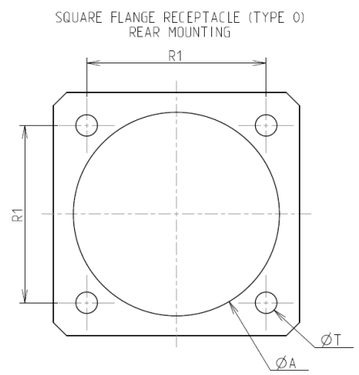
Contacts (Insert arrangement 21-35)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
1	+.053 (1.35)	+.426 (10.82)	41	-.098 (2.49)	-.322 (8.18)
2	+.146 (3.71)	+.404 (10.26)	42	-.184 (4.67)	-.280 (7.11)
3	+.232 (5.89)	+.362 (9.19)	43	-.258 (6.55)	-.220 (5.59)
4	+.306 (7.77)	+.302 (7.67)	44	-.311 (7.90)	-.141 (3.58)
5	+.365 (9.27)	+.227 (5.77)	45	-.332 (8.43)	-.048 (1.22)
6	+.406 (10.31)	+.141 (3.58)	46	-.332 (8.43)	+.048 (1.22)
7	+.427 (10.85)	+.048 (1.22)	47	-.311 (7.90)	+.141 (3.58)
8	+.427 (10.85)	-.048 (1.22)	48	-.258 (6.55)	+.220 (5.59)
9	+.406 (10.31)	-.141 (3.58)	49	-.184 (4.67)	+.280 (7.11)
10	+.365 (9.27)	-.227 (5.77)	50	-.098 (2.49)	+.322 (8.18)
11	+.306 (7.77)	-.302 (7.67)	51	-.048 (1.22)	+.241 (6.12)
12	+.232 (5.89)	-.362 (9.19)	52	+.048 (1.22)	+.241 (6.12)
13	+.146 (3.71)	-.404 (10.26)	53	+.134 (3.40)	+.199 (5.05)
14	+.053 (1.35)	-.426 (10.82)	54	+.208 (5.28)	+.139 (3.53)
15	-.053 (1.35)	-.426 (10.82)	55	+.237 (6.02)	+.048 (1.22)
16	-.146 (3.71)	-.404 (10.26)	56	+.237 (6.02)	-.048 (1.22)
17	-.232 (5.89)	-.362 (9.19)	57	+.208 (5.28)	-.139 (3.53)

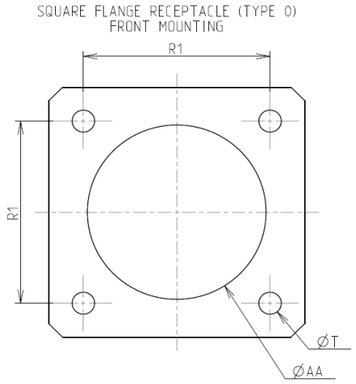
Contacts (Insert arrangement 21-35)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
18	-.306 (7.77)	-.302 (7.67)	58	+.134 (3.40)	-.199 (5.05)
19	-.365 (9.27)	-.227 (5.77)	59	+.048 (1.22)	-.241 (6.12)
20	-.406 (10.31)	-.141 (3.58)	60	-.048 (1.22)	-.241 (6.12)
21	-.427 (10.85)	-.048 (1.22)	61	-.134 (3.40)	-.199 (5.05)
22	-.427 (10.85)	+.048 (1.22)	62	-.208 (5.28)	-.139 (3.53)
23	-.406 (10.31)	+.141 (3.58)	63	-.237 (6.02)	-.048 (1.22)
24	-.365 (9.27)	+.227 (5.77)	64	-.237 (6.02)	+.048 (1.22)
25	-.306 (7.77)	+.302 (7.67)	65	-.208 (5.28)	+.139 (3.53)
26	-.232 (5.89)	+.362 (9.19)	66	-.134 (3.40)	+.199 (5.05)
27	-.146 (3.71)	+.404 (10.26)	67	-.048 (1.22)	+.146 (3.71)
28	-.053 (1.35)	+.426 (10.82)	68	+.048 (1.22)	+.146 (3.71)
29	+.000 (.00)	+.323 (8.20)	69	+.125 (3.18)	+.090 (2.29)
30	+.098 (2.49)	+.322 (8.18)	70	+.155 (3.94)	+.000 (0.00)
31	+.184 (4.67)	+.280 (7.11)	71	+.125 (3.18)	-.090 (2.29)
32	+.258 (6.55)	+.220 (5.59)	72	+.048 (1.22)	-.146 (3.71)
33	+.311 (7.90)	+.141 (3.58)	73	-.048 (1.22)	-.146 (3.71)
34	+.332 (8.43)	+.048 (1.22)	74	-.125 (3.18)	-.090 (2.29)
35	+.332 (8.43)	-.048 (1.22)	75	-.155 (3.94)	+.000 (0.00)
36	+.311 (7.90)	-.141 (3.58)	76	-.125 (3.18)	+.090 (2.29)
37	+.258 (6.55)	-.220 (5.59)	77	+.000 (0.00)	+.053 (1.35)
38	+.184 (4.67)	-.280 (7.11)	78	+.048 (1.22)	-.029 (0.74)
39	+.098 (2.49)	-.322 (8.18)	79	-.048 (1.22)	-.029 (0.74)
40	+.000 (0.00)	-.347 (8.81)	---	---	---

(Applicable to MIL-DTL-38999 only)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
21	-35	79	22D	M	ALL	MS27531-35

Panel Cutout





Dim	Nominal
ØA	36.12 min
ØAA	32.16 min
R1	31.75
ØT	3.25 ±0.13

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: 8D021M35PNL

A	02-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE Composite Receptacle 8D series

SCALE NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

SOURIAU WWW.SOURIAU.COM

This document is the property of SOURIAU
it must not be reproduced or communicated without permission

FORMAT A3

SOURIAU DRG N° 8D021M35PNL-C

SHEET 2/2

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Souriau-Sunbank:

UT001412SH UTG22PG UT010LPGN UTS10DCGE BIS10PLN0416M SC20WL-3S25 UT0S16JCS UTP14DCG 8MQ2M0412PB UT061619SH UTGX1JC103P UTL6122G1W5P UTS6JC1823P 8MQ2M0412ABE RM28M1K SC24ML-1D70 SM16ML-1S6 UTS6JC1823S 8MQ2M01L28ADE D38999/26JJ24PN SC24WL-3S25 D38999/26MJ24PN-LC UTG11412PH UTS08E3P 8D525M24PN 8MQ2M1220AD UTSX0128P UTGX71419P 8MQ2M0412RCE 8MQ2M0816BCE