Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material   : Aluminium
- Shell Plating   : Black Zinc 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 +175°C
- Salt Spray   : 500 hours
- Mass   : 44.09 g ± 10%

Connector dimension	
Dim	**Nominal**
A	49.2±0.3
B	33.32+0.1/-0.15
R	32.5Max
S	46±0.4
W	3+0.9/-0.1
VV THREAD	M28x1-6g

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
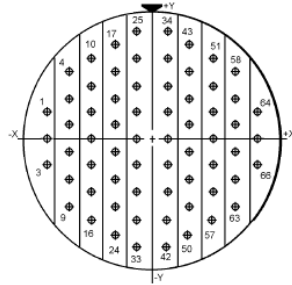(professional recommendation, technical notice.)

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D719Z35SC

A	30-09-2016	First Release	
ISS	DATE	Latest modification - by	
Designed By:			MOD N°

Date: **CUSTOMER DRAWING**

TITLE   Aluminium Receptacle 8D series

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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D719Z35SC-C	1/2

BASIC SERIES: 8D 7 - 19 Z 35 S C

SHELL TYPE   : Jam nut Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 19

PLATING   :   Z =   Black Zinc Nickel

ORIENTATION : C

CONTACT TYPE : SOCKET(500 Matings)
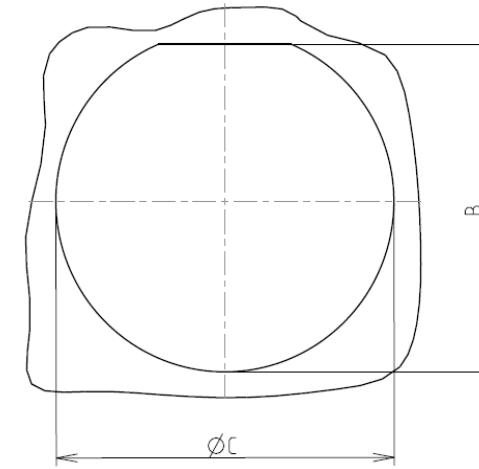
CONTACT LAYOUT : 19-35

Contact Layout

Contacts (Insert arrangement 19-35)

Contact position ID	X-axis (mm)	Y-axis (mm)	Contact position ID	X-axis (mm)	Y-axis (mm)
1	-.357 (9.07)	+.090 (2.29)	34	+.045 (1.14)	+.360 (9.14)
2	-.357 (9.07)	+.000 (0.00)	35	+.045 (1.14)	+.270 (6.86)
3	-.357 (9.07)	-.090 (2.29)	36	+.045 (1.14)	+.180 (4.57)
4	-.279 (7.09)	+.225 (5.72)	37	+.045 (1.14)	+.090 (2.29)
5	-.279 (7.09)	+.135 (3.43)	38	+.045 (1.14)	+.000 (0.00)
6	-.279 (7.09)	+.045 (1.14)	39	+.045 (1.14)	-.090 (2.29)
7	-.279 (7.09)	-.045 (1.14)	40	+.045 (1.14)	-.180 (4.57)
8	-.279 (7.09)	-.135 (3.43)	41	+.045 (1.14)	-.270 (6.86)
9	-.279 (7.09)	-.225 (5.72)	42	+.045 (1.14)	-.360 (9.14)
10	-.201 (5.11)	+.270 (6.86)	43	+.123 (3.12)	+.315 (8.00)
11	-.201 (5.11)	+.180 (4.57)	44	+.123 (3.12)	+.225 (5.72)
12	-.201 (5.11)	+.090 (2.29)	45	+.123 (3.12)	+.135 (3.43)
13	-.201 (5.11)	+.000 (0.00)	46	+.123 (3.12)	+.045 (1.14)
14	-.201 (5.11)	-.090 (2.29)	47	+.123 (3.12)	-.045 (1.14)
15	-.201 (5.11)	-.180 (4.57)	48	+.123 (3.12)	-.135 (3.43)
16	-.201 (5.11)	-.270 (6.86)	49	+.123 (3.12)	-.225 (5.72)
17	-.123 (3.12)	+.315 (8.00)	50	+.123 (3.12)	-.315 (8.00)

Contacts (Insert arrangement 19-35)

Contact position ID	X-axis (mm)	Y-axis (mm)	Contact position ID	X-axis (mm)	Y-axis (mm)
18	-.123 (3.12)	+.225 (5.72)	51	+.201 (5.11)	+.270 (6.86)
19	-.123 (3.12)	+.135 (3.43)	52	+.201 (5.11)	+.180 (4.57)
20	-.123 (3.12)	+.045 (1.14)	53	+.201 (5.11)	+.090 (2.29)
21	-.123 (3.12)	-.045 (1.14)	54	+.201 (5.11)	+.000 (0.00)
22	-.123 (3.12)	-.135 (3.43)	55	+.201 (5.11)	-.090 (2.29)
23	-.123 (3.12)	-.225 (5.72)	56	+.201 (5.11)	-.180 (4.57)
24	-.123 (3.12)	-.315 (8.00)	57	+.201 (5.11)	-.270 (6.86)
25	-.045 (1.14)	+.360 (9.14)	58	+.279 (7.09)	+.225 (5.72)
26	-.045 (1.14)	+.270 (6.86)	59	+.279 (7.09)	+.135 (3.43)
27	-.045 (1.14)	+.180 (4.57)	60	+.279 (7.09)	+.045 (1.14)
28	-.045 (1.14)	+.090 (2.29)	61	+.279 (7.09)	-.045 (1.14)
29	-.045 (1.14)	+.000 (0.00)	62	+.279 (7.09)	-.135 (3.43)
30	-.045 (1.14)	-.090 (2.29)	63	+.279 (7.09)	-.225 (5.72)
31	-.045 (1.14)	-.180 (4.57)	64	+.357 (9.07)	+.090 (2.29)
32	-.045 (1.14)	-.270 (6.86)	65	+.357 (9.07)	+.000 (0.00)
33	-.045 (1.14)	-.360 (9.14)	66	+.357 (9.07)	-.090 (2.29)

(Applicable to MIL-DTL-38999 only)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
19	-35	66	22D	M	All	MS27530-35

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)

Dim	Nominal
B	33.91+0/-0.25
ØC	35.18+0.25/-0

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D719Z35SC

A	30-09-2016	First Release	
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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°	SHEET
A3	8D719Z35SC-C	2/2