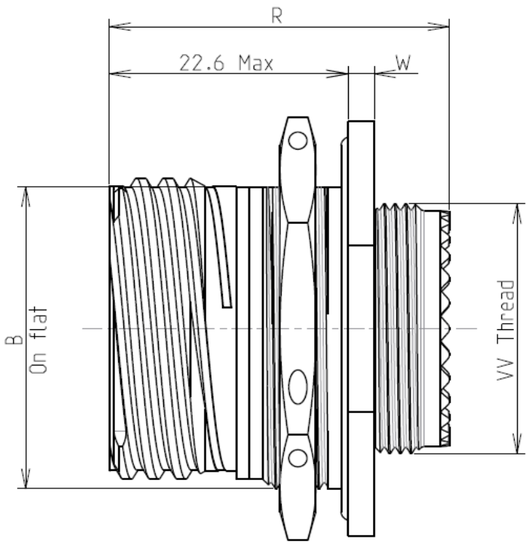
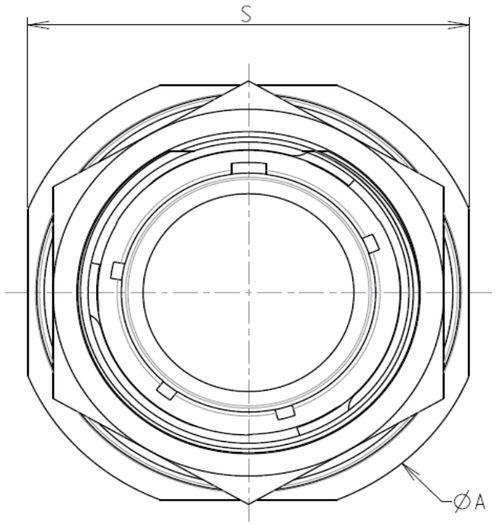
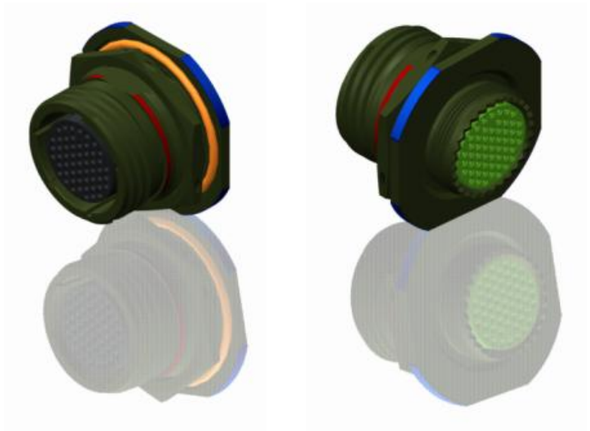




Keying Shown as example



LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Aluminium
-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 : 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

BASIC SERIES: 8D | 7 | - | 19 | W | 35 | B | C

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 19

PLATING : W = Olive drab Cadmium

ORIENTATION : C

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 19-35

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D719W35BC

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

Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Receptacle 8D series

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

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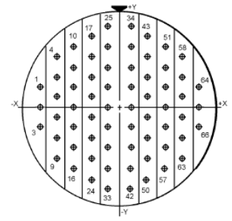
FORMAT A3 | SOURIAU DRG N° 8D719W35BC-C | SHEET 1/2

Contact Layout



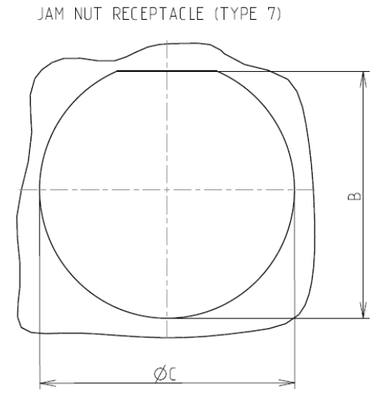
Contacts (Insert arrangement 19-35)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
1	-.357 (9.07)	+.090 (2.29)	34	+.045 (1.14)	+.360 (9.14)
2	-.357 (9.07)	+.000 (0.00)	35	+.045 (1.14)	+.270 (6.86)
3	-.357 (9.07)	-.090 (2.29)	36	+.045 (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	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		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 (6.11)	.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



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

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: 8D719W35BC

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

Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Receptacle 8D series

SCALE NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

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FORMAT A3

SOURIAU DRG N° 8D719W35BC-C

SHEET 2/2