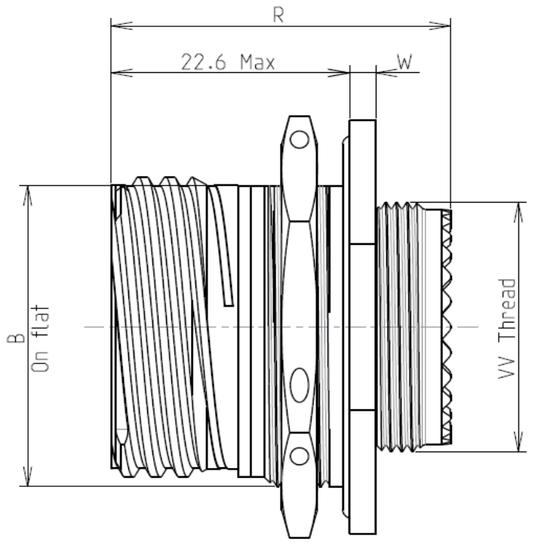

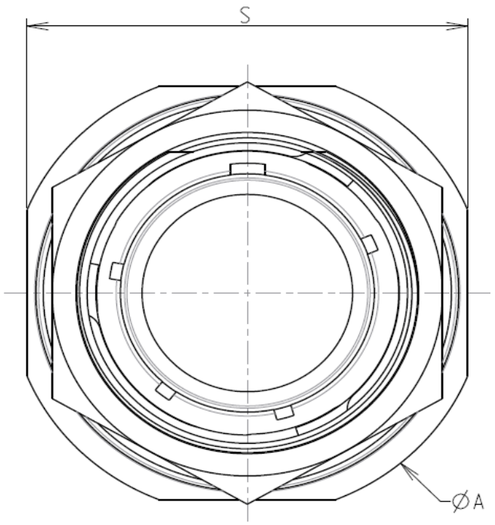

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Stainless Steel
-Shell Plating : Passivated
-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 : 500 hours

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: 8D719K18PAL

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

Designed By: Date: **CUSTOMER DRAWING**

TITLE Stainless Steel Receptacle 8D series

BASIC SERIES:	8D	7	-	19	K	18	P	A	L
SHELL TYPE : Jam nut Receptacle									Delivered W/O Contacts
CONTACT TYPE : Standard Crimp Contact									ORIENTATION : A
SHELL SIZE : 19									CONTACT TYPE : PIN(500 Matings)
PLATING : K = Passivated									CONTACT LAYOUT : 19-18

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

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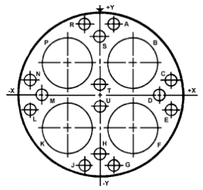
FORMAT	SOURIAU DRG N°	SHEET
A3	8D719K18PAL-C	1/2

Contact Layout

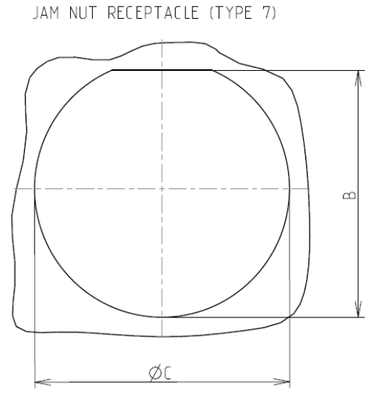


(Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 19-19.)

Contacts (Insert arrangement 19-18)					
Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
A	+.068 (1.73)	+.380 (9.65)	K	-.180 (4.57)	-.180 (4.57)
B	+.180 (4.57)	+.180 (4.57)	L	-.377 (9.58)	-.065 (1.65)
C	+.377 (9.58)	+.065 (1.65)	M	-.317 (8.05)	+.000 (0.00)
D	+.317 (8.05)	+.000 (0.00)	N	-.377 (9.58)	+.065 (1.65)
E	+.377 (9.58)	-.065 (1.65)	P	-.180 (4.57)	+.180 (4.57)
F	+.180 (4.57)	-.180 (4.57)	R	-.068 (1.73)	+.380 (9.65)
G	+.068 (1.73)	-.380 (9.65)	S	+.000 (0.00)	+.319 (8.10)
H	+.000 (0.00)	-.319 (8.10)	T	+.000 (0.00)	+.044 (1.12)
J	-.068 (1.73)	-.380 (9.65)	U	+.000 (0.00)	-.044 (1.12)

Shell size	Arrangement No.	Number of contacts	Size contacts	Service rating	Contact location	Standard contact	
						Pin	Socket
19	18	4	8 (see note)	Twinax	B, F, K, P	M39029/90-529	M39029/91-530
		14	22D	M	All others	M39029/58	M39029/56

Panel cutout



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

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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: 8D719K18PAL

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

Designed By: | Date: | **CUSTOMER DRAWING**

TITLE Stainless Steel Receptacle 8D series

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

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FORMAT A3 | SOURIAU DRG N° 8D719K18PAL-C | SHEET 2/2