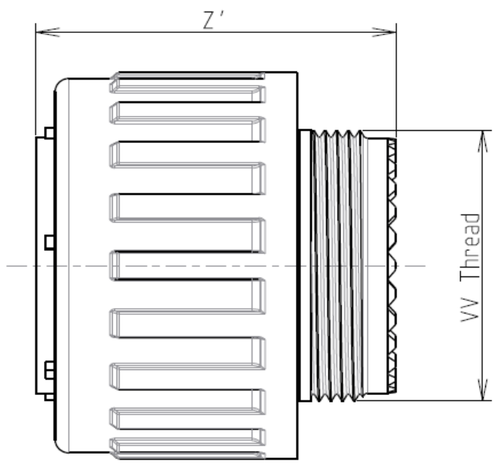
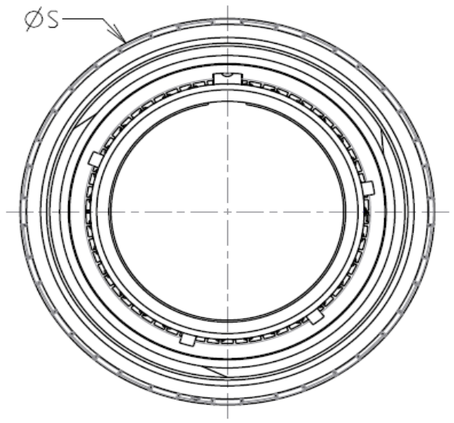
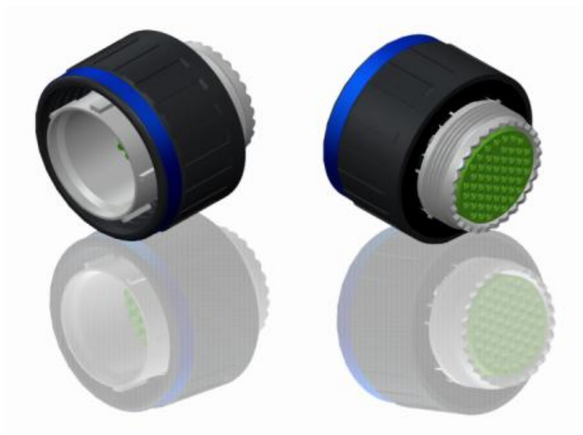




Keying Shown as example



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 with Souriau contacts and Accessories
-Temperature Range : -65°C to +200°C
-Salt Spray : 2000 hours

Connector dimension	
Dim	**Nominal**
ØS	38.5 Max
Z'	31.5 Max
VV THREAD	M28x1-6g

BASIC SERIES: 8D | 5 | - | 19 | M | 28 | H | D

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 19

PLATING : M = Nickel

ORIENTATION : D

CONTACT TYPE : PIN (1500 Matings)

CONTACT LAYOUT : 19-28

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D519M28HD

ISS	DATE	Latest modification - by	MOD N°
A	18-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Composite Plug 8D series

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

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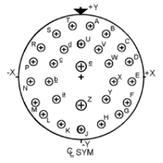
Contact Layout



Contacts (Insert arrangement 19-28)					
Contact position ID	Contact location X-axis (mm)	Contact location Y-axis (mm)	Contact position ID	Contact location X-axis (mm)	Contact location Y-axis (mm)
A	+.066 (1.68)	+.353 (8.97)	R	-.286 (7.26)	+.217 (5.51)
B	+.189 (4.80)	+.305 (7.75)	S	-.189 (4.80)	+.305 (7.75)
C	+.286 (7.26)	+.217 (5.51)	T	-.066 (1.68)	+.353 (8.97)
D	+.345 (8.76)	+.098 (2.49)	U	+.000 (0.00)	+.230 (5.84)
E	+.357 (9.07)	-.033 (0.84)	V	+.124 (3.15)	+.193 (4.90)
F	+.321 (8.15)	-.160 (4.06)	W	+.209 (5.31)	+.095 (2.41)
G	+.242 (6.15)	-.265 (6.73)	X	+.228 (5.79)	-.033 (0.84)
H	+.130 (3.30)	-.335 (8.51)	Y	+.174 (4.42)	-.151 (3.84)
J	+.000 (0.00)	-.359 (9.12)	Z	+.000 (0.00)	-.191 (4.85)
K	-.130 (3.30)	-.335 (8.51)	a	-.174 (4.42)	-.151 (3.84)
L	-.242 (6.15)	-.265 (6.73)	b	-.228 (5.79)	-.033 (0.84)
M	-.321 (8.15)	-.160 (4.06)	c	-.209 (5.31)	+.095 (2.41)
N	-.357 (9.07)	-.033 (0.84)	d	-.124 (3.15)	+.193 (4.90)
P	-.345 (8.76)	+.098 (2.49)	e	+.000 (0.00)	+.062 (1.57)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
19	-28	2	16	I	e, Z	MS20054-28
		26	20		All others	

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: 8D519M28HD

ISS	DATE	Latest modification - by	MOD N°
A	18-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Composite Plug 8D series

SCALE NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

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