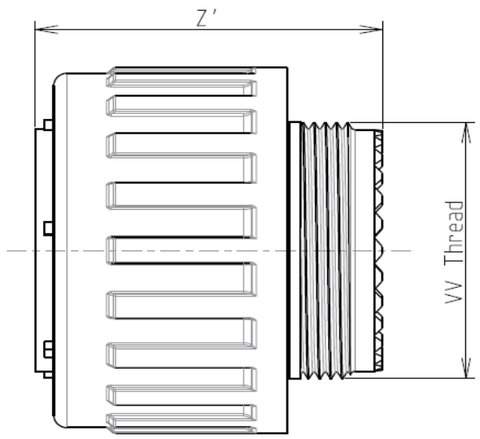
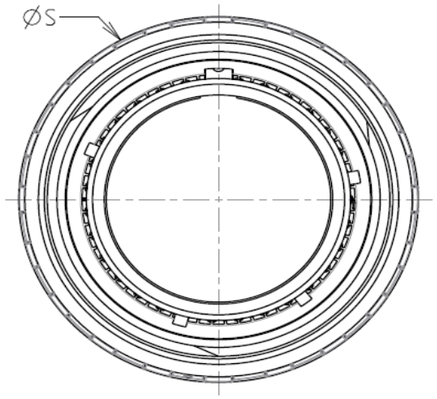
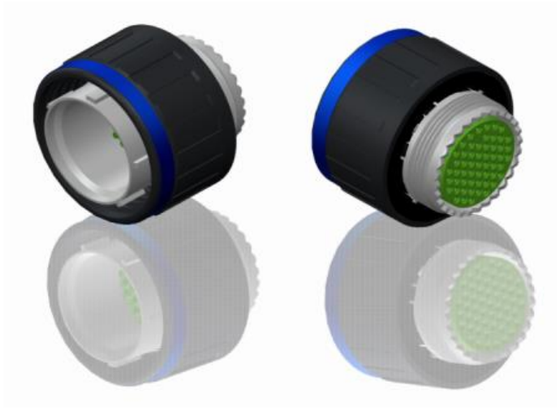




Keying Shown as example



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	21.8 Max
Z'	31.5 Max
VV THREAD	M12x1-6g

BASIC SERIES:	8D	5	-	09	M	35	H	D	
SHELL TYPE : Plug with RFI Shielding									
CONTACT TYPE : Standard Crimp Contact									ORIENTATION : D
SHELL SIZE : 09									CONTACT TYPE : PIN (1500 Matings)
PLATING : M = Nickel									CONTACT LAYOUT : 09-35

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: 8D509M35HD

ISS	DATE	Latest modification - by	MOD N°
A	14-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Composite Plug 8D series

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

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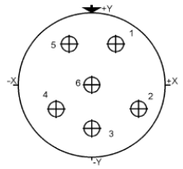
Contact Layout



Contacts (Insert arrangement 9-35)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
1	+.045 (1.14)	+.078 (1.98)
2	+.078 (1.98)	-.045 (1.14)
3	+.000 (0.00)	-.090 (2.29)
4	-.078 (1.98)	-.045 (1.14)
5	-.045 (1.14)	+.078 (1.98)
6	+.000 (0.00)	+.000 (0.00)

(Applicable to MIL-DTL-38999 and SAE-AS29600)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
9	-35	6	22D	M	All	MS27525-35

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