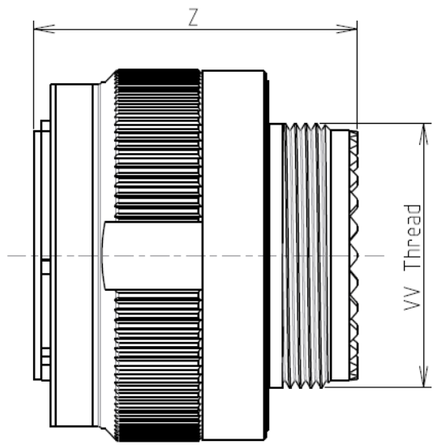
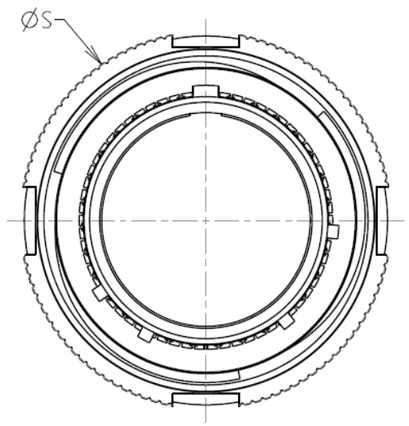
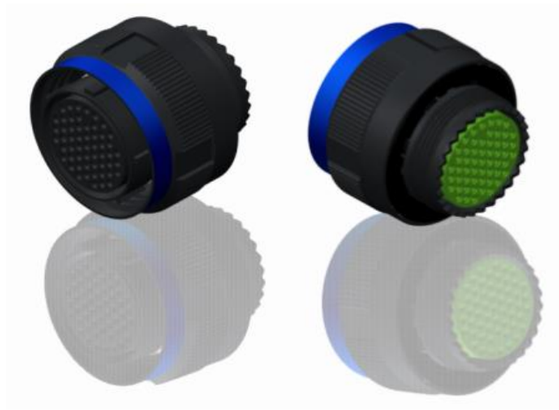




Keying Shown as example



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 : 13.05 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	21.8 Max
Z	31 Max
VV THREAD	M12x1-6g

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: 8D509Z35BN

BASIC SERIES:	8D	5	-	09	Z	35	B	N
SHELL TYPE : Plug with RFI Shielding								
CONTACT TYPE : Standard Crimp Contact								
SHELL SIZE : 09								
PLATING : Z = Black Zinc Nickel								

ORIENTATION : N
CONTACT TYPE : SOCKET(500 Matings)
CONTACT LAYOUT : 09-35

ISS	DATE	Latest modification - by	MOD N°
A	15-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Plug 8D series

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

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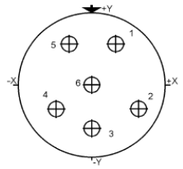
FORMAT	SOURIAU DRG N°	SHEET
A3	8D509Z35BN-C	1/2

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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(professional recommendation, technical notice.)

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D509Z35BN

ISS	DATE	Latest modification - by	MOD N°
A	15-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Plug 8D series

SCALE NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

SOURIAU WWW.SOURIAU.COM

FORMAT A3

SOURIAU DRG N° 8D509Z35BN-C