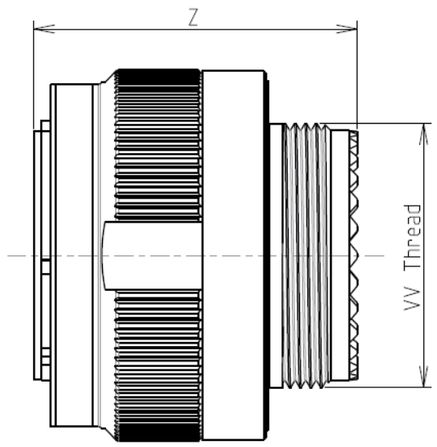
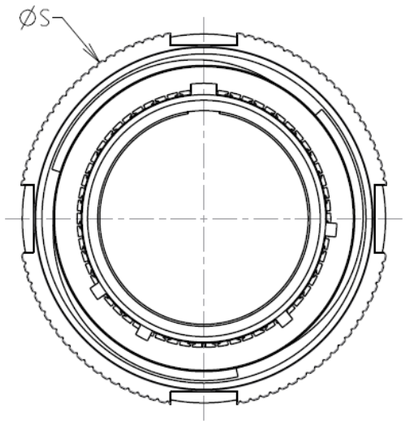
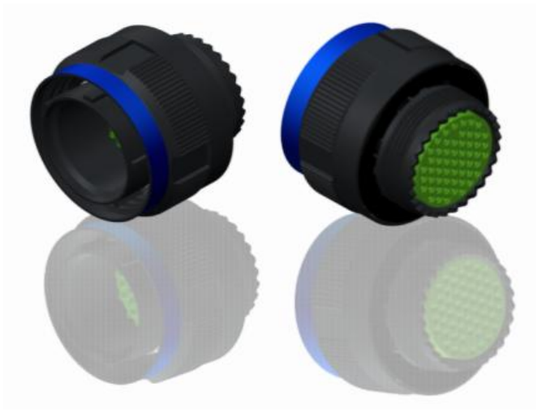




Keying Shown as example



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 : 37.77 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	38.5 Max
Z	31 Max
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: 8D519Z11PA

BASIC SERIES:	8D	5	-	19	Z	11	P	A
SHELL TYPE : Plug with RFI Shielding								
CONTACT TYPE : Standard Crimp Contact								
SHELL SIZE : 19								
PLATING : Z = Black Zinc Nickel								
CONTACT LAYOUT : 19-11								
CONTACT TYPE : PIN(500 Matings)								
ORIENTATION : A								

ISS	DATE	Latest modification - by	MOD N°
A	19-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Plug 8D series

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

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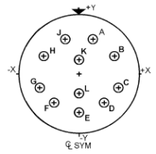
FORMAT A3 | SOURIAU DRG N° 8D519Z11PA-C | SHEET 1/2

Contact Layout



Contacts (Insert arrangement 19-11)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+.105 (2.67)	+.260 (6.60)	G	-.275 (6.99)	-.053 (1.35)
B	+.250 (6.35)	+.132 (3.35)	H	-.250 (6.35)	+.132 (3.35)
C	+.275 (6.99)	-.053 (1.35)	J	-.105 (2.67)	+.260 (6.60)
D	+.179 (4.55)	-.215 (5.46)	K	+.000 (0.00)	+.105 (2.67)
E	+.000 (0.00)	-.281 (7.14)	L	+.000 (0.00)	-.092 (2.34)
F	-.179 (4.55)	-.215 (5.46)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
19	-11	11	16	II	All	MS20054-11

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FR	Not Listed

PN: 8D519Z11PA

ISS	DATE	Latest modification - by	MOD N°
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Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Plug 8D series

SCALE NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

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