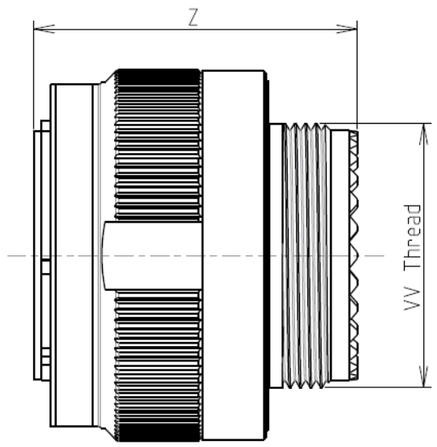
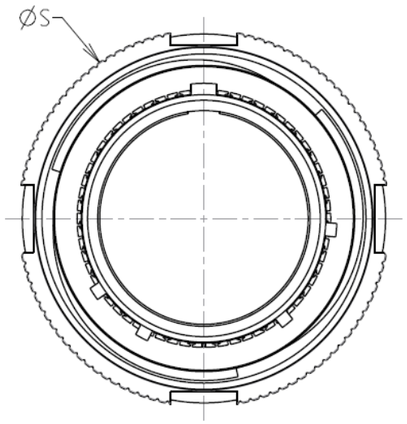
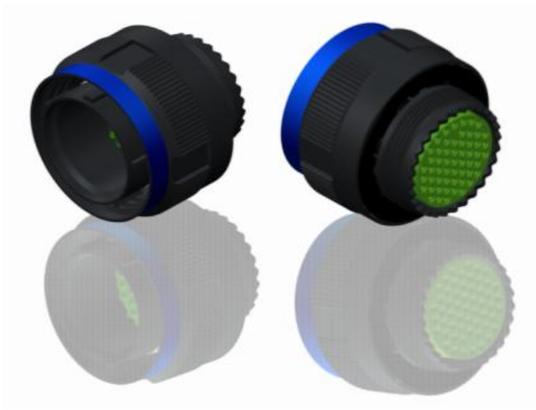




Keying Shown as example



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 : 45.51 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	41.7 Max
Z	31 Max
VV THREAD	M31x1-6g

BASIC SERIES:	8D	5	-	21	Z	11	A	C
SHELL TYPE : Plug with RFI Shielding								
CONTACT TYPE : Standard Crimp Contact								
SHELL SIZE : 21								
PLATING : Z = Black Zinc Nickel								
								ORIENTATION : C
								CONTACT TYPE : PIN(500 Matings)
								CONTACT LAYOUT : 21-11

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: 8D521Z11AC

ISS	DATE	Latest modification - by	MOD N°
A	12-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Plug 8D series

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

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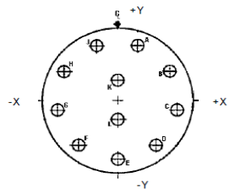
Contact Layout



Contacts (Insert arrangement 21-11)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+.121 (3.07)	+.332 (8.43)	G	-.348 (8.84)	-.061 (1.55)
B	+.306 (7.77)	+.177 (4.50)	H	-.306 (7.77)	+.177 (4.50)
C	+.348 (8.84)	-.061 (1.55)	J	-.121 (3.07)	+.332 (8.43)
D	+.227 (5.77)	-.270 (6.86)	K	+.000 (0.00)	+.123 (3.12)
E	+.000 (0.00)	-.353 (8.97)	L	+.000 (0.00)	-.115 (2.92)
F	-.227 (5.77)	-.270 (6.86)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
21	-11	11	12	I	All	MS20055-11

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