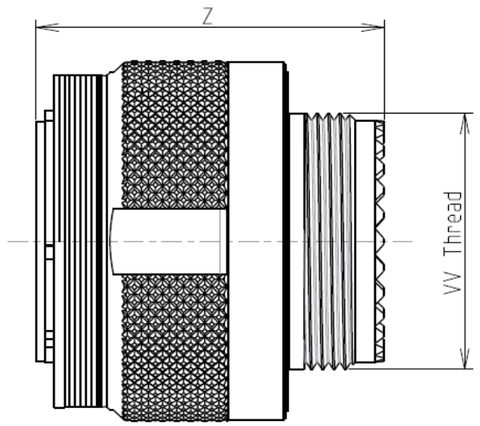
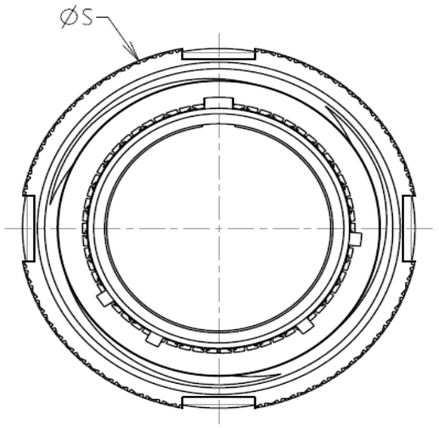
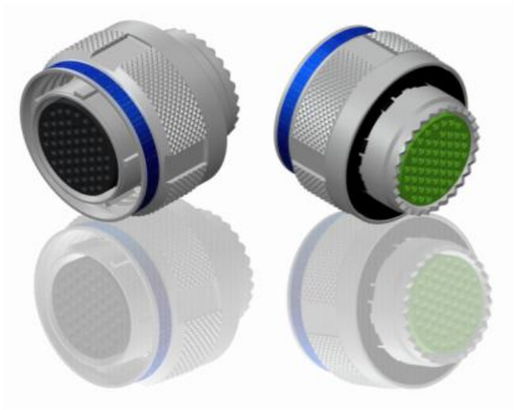




Keying Shown as example



LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Stainless Steel
-Shell Plating : Passivated
-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 : 500 hours
-Mass : 118.8 g ± 10%

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

BASIC SERIES:	8D	5	-	21	K	39	B	C	
SHELL TYPE : Plug with RFI Shielding									
CONTACT TYPE : Standard Crimp Contact									ORIENTATION : C
SHELL SIZE : 21									CONTACT TYPE : SOCKET(500 Matings)
PLATING : K = Passivated									CONTACT LAYOUT : 21-39

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: 8D521K39BC

ISS	DATE	Latest modification - by	MOD N°
A	07-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Stainless Steel Plug 8D series

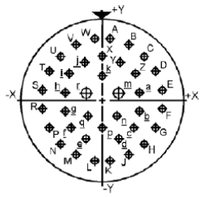
SCALE NA | General linear Tolerances: ±-- | NPRDS / PROJECT **859**

SOURIAU | WWW.SOURIAU.COM

This document is the property of SOURIAU
it must not be reproduced or communicated without permission

FORMAT A3 | SOURIAU DRG N° 8D521K39BC-C | SHEET 1/2

Contact Layout



Contacts (Insert arrangement 21-39)					
Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
A	+.065 (1.65)	+.411 (10.44)	X	+.000 (0.00)	+.295 (7.49)
B	+.189 (4.80)	+.371 (9.42)	Y	+.126 (3.20)	+.256 (6.50)
C	+.294 (7.47)	+.294 (7.47)	Z	+.232 (5.89)	+.179 (4.55)
D	+.371 (9.42)	+.189 (4.80)	a	+.280 (7.11)	+.057 (1.45)
E	+.411 (10.44)	-.065 (1.65)	b	+.280 (7.11)	-.074 (1.09)
F	+.411 (10.44)	-.065 (1.65)	c	+.217 (5.51)	-.189 (4.80)
G	+.371 (9.42)	-.189 (4.80)	d	+.112 (2.84)	-.265 (6.73)
H	+.294 (7.47)	-.294 (7.47)	e	-.112 (2.84)	-.265 (6.73)
J	+.189 (4.80)	-.371 (9.42)	f	-.217 (5.51)	-.189 (4.80)
K	+.065 (1.65)	-.411 (10.44)	g	-.280 (7.11)	-.074 (1.88)
L	-.065 (1.65)	-.411 (10.44)	h	-.280 (7.11)	+.057 (1.45)
M	-.189 (4.80)	-.371 (9.42)	j	-.232 (5.89)	+.179 (4.55)
N	-.294 (7.47)	-.294 (7.47)	j	-.126 (3.20)	+.256 (6.50)
P	-.371 (9.42)	-.189 (4.80)	k	+.000 (0.00)	+.164 (4.17)
R	-.411 (10.44)	-.065 (1.65)	m	+.114 (2.90)	+.048 (1.22)

Contacts (Insert arrangement 21-39)					
Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
S	-.411 (10.44)	+.065 (1.65)	n	+.106 (2.69)	-.107 (2.72)
T	-.371 (9.42)	+.189 (4.80)	p	+.000 (0.00)	-.189 (4.80)
U	-.294 (7.47)	+.294 (7.47)	q	-.106 (2.69)	-.107 (2.72)
V	-.189 (4.80)	+.371 (9.42)	r	-.114 (2.90)	+.048 (1.09)
W	-.065 (1.65)	+.411 (10.44)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
21	-39	2	16	I	r, m	M32065S-39
		37	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: 8D521K39BC

ISS	DATE	Latest modification - by	MOD N°
A	07-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Stainless Steel Plug 8D series

SCALE NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

SOURIAU WWW.SOURIAU.COM

This document is the property of SOURIAU it must not be reproduced or communicated without permission

FORMAT A3

SOURIAU DRG N° 8D521K39BC-C