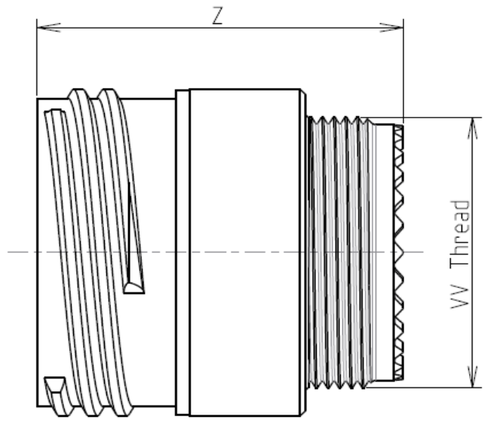
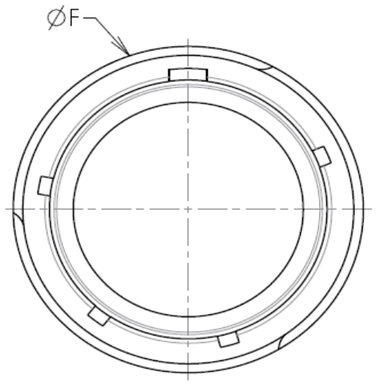
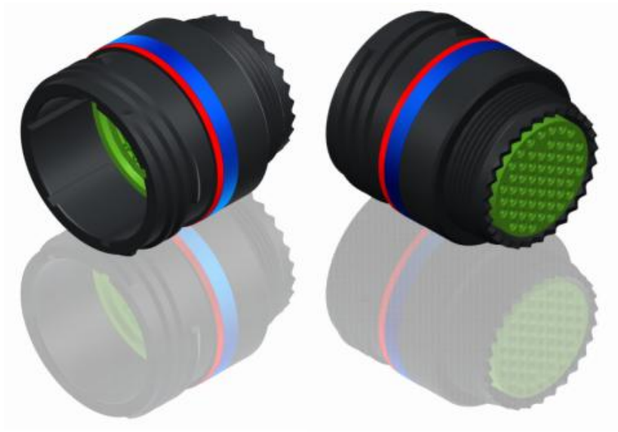




Keying Shown as example



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

Connector dimension	
Dim	**Nominal**
F	41.3 Max
Z	31.5 Max
VV THREAD	M37x1-6g

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: 8D125Z90PA

A	26-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

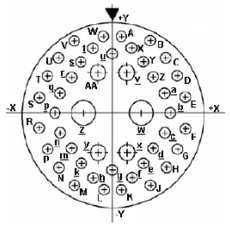
Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Inline 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° 8D125Z90PA-C		SHEET 1/2

BASIC SERIES:	8D	1	-	25	Z	90	P	A
SHELL TYPE : In line Receptacle								ORIENTATION : A
CONTACT TYPE : Standard Crimp Contact								CONTACT TYPE : PIN(500 Matings)
SHELL SIZE : 25								CONTACT LAYOUT : 25-90
PLATING : Z = Black Zinc Nickel								

Contact Layout



(Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 25-91.)

Contacts (Insert arrangement 25-90)					
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)	+.533 (13.54)	a	+.404 (10.26)	+.125 (3.18)
B	+.275 (6.99)	+.466 (11.84)	b	+.437 (11.10)	+.000 (0.00)
C	+.420 (10.67)	+.337 (8.56)	c	+.404 (10.26)	-.125 (3.18)
D	+.490 (12.45)	+.227 (5.77)	d	+.314 (7.98)	-.221 (5.61)
E	+.531 (13.49)	+.093 (2.36)	e	+.245 (6.22)	-.337 (8.56)
F	+.531 (13.49)	-.093 (2.36)	f	+.136 (3.45)	-.424 (10.77)
G	+.490 (12.45)	-.227 (5.77)	g	+.000 (0.00)	-.395 (10.03)
H	+.420 (10.67)	-.337 (8.56)	h	-.136 (3.45)	-.424 (10.77)
J	+.275 (6.99)	-.466 (11.84)	k	-.245 (6.22)	-.337 (8.56)
K	+.065 (1.65)	-.533 (13.54)	m	-.314 (7.98)	-.221 (5.61)
L	-.065 (1.65)	-.533 (13.54)	n	-.404 (10.26)	-.125 (3.18)
M	-.275 (6.99)	-.466 (11.84)	p	-.437 (11.10)	+.000 (0.00)
N	-.420 (10.67)	-.337 (8.56)	q	-.404 (10.26)	+.125 (3.18)
P	-.490 (12.45)	-.227 (5.77)	r	-.314 (7.98)	+.221 (5.61)
R	-.531 (13.49)	-.093 (2.36)	s	-.245 (6.22)	+.337 (8.56)
S	-.531 (13.49)	+.093 (2.36)	t	-.136 (3.45)	+.424 (10.77)
T	-.490 (12.45)	+.227 (5.77)	u	+.000 (0.00)	+.395 (10.03)
U	-.420 (10.67)	+.337 (8.56)	v	+.097 (2.46)	+.265 (6.73)
V	-.275 (6.99)	+.466 (11.84)	w	+.180 (4.57)	+.000 (.00)
W	-.065 (1.65)	+.533 (13.54)	x	+.097 (2.46)	-.265 (6.73)
X	+.136 (3.45)	+.424 (10.77)	y	-.097 (2.46)	-.265 (6.73)
Y	+.245 (6.22)	+.337 (8.56)	z	-.180 (4.57)	+.000 (0.00)
Z	+.314 (7.98)	+.221 (5.61)	AA	-.097 (2.46)	+.265 (6.73)

Shell size	Arrange-ment no.	Number of contacts	Size contacts	Service rating	Contact location	Standard contact Pin	Standard contact Socket
25	-90	2	8 (see note)	Twinax	w, z	M39029/90-529	M39029/91-530
		4	16	I	v, x, y, AA	M39029/58-364	M39029/56-352
		40	20		All others	M39029/58-363	M39029/56-351

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(professional recommendation, technical notice.)

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D125Z90PA

ISS	DATE	Latest modification - by	MOD N°
A	26-09-2016	First Release	

Designed By: | Date: | **CUSTOMER DRAWING**

TITLE: Aluminium Inline plug 8D series

SCALE: NA

General linear Tolerances: ±--

NPRDS / PROJECT: **859**

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