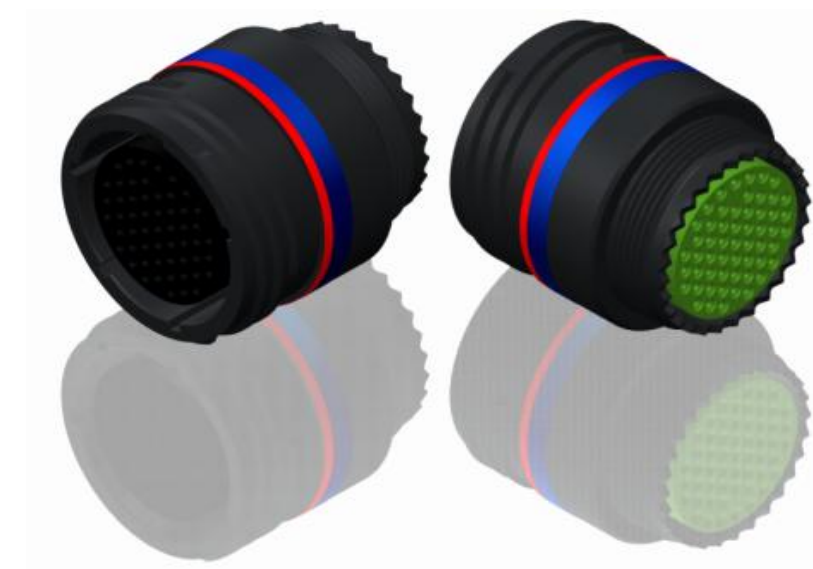
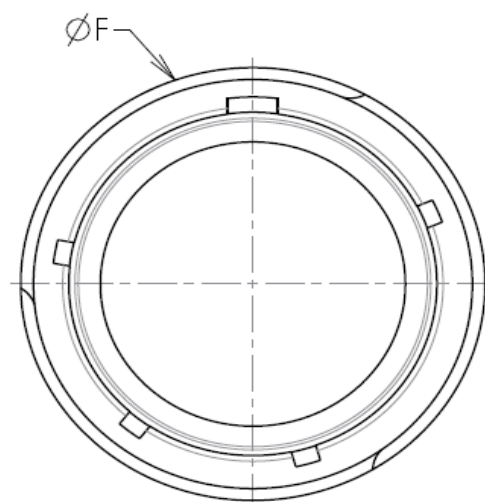




Keying Shown as example

CHARACTERISTICS

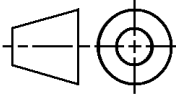
- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Black Zinc Nickel
- Insulator : Thermoplastic
- Contacts : Copper Alloy
- Seals & Grommet : Silicon Elastomer
- Contact Plating : Gold over copper Alloy 0.8µm minimum
- Durability : 500 Mating cycles
- Delivered with Souriau contacts and Accessories
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours

Connector dimension	
Dim	Nominal
F	38.1 Max
Z	31.5 Max
VV THREAD	M34x1-6g

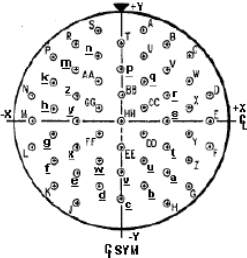
SOURIAU shall not be liable for any non-conformity or damage due to a use of the Products which does not comply with the Specifications issued by either of the Parties or by a third party (professional recommendation, technical notice.)

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D123Z53BC

A	27-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE		Aluminium Inline plug 8D series	
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
NA			
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FORMAT	SOURIAU DRG N° 8D123Z53BC-C		SHEET 1/2

Contact Layout



Contacts (Insert arrangement 23-53)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+ 112 (2.84)	+ 455 (11.56)	a	- 225 (5.72)	- 260 (6.60)
B	+ 225 (5.72)	+ 390 (9.91)	f	- 336 (8.53)	- 195 (4.95)
C	+ 336 (8.53)	+ 325 (8.26)	q	- 336 (8.53)	- 065 (1.65)
D	+ 450 (11.43)	+ 130 (3.30)	h	- 336 (8.53)	+ 065 (1.65)
E	+ 450 (11.43)	+ 000 (0.00)	k	- 336 (8.53)	+ 195 (4.95)
F	+ 450 (11.43)	- 130 (3.30)	m	- 225 (5.72)	+ 260 (6.60)
G	+ 336 (8.53)	- 325 (8.26)	n	- 112 (2.84)	+ 325 (8.26)
H	+ 225 (5.72)	- 410 (10.41)	p	+ 000 (0.00)	+ 260 (6.60)
J	- 225 (5.72)	- 410 (10.41)	q	+ 112 (2.84)	+ 195 (4.95)
K	- 336 (8.53)	- 325 (8.26)	r	+ 225 (5.72)	+ 130 (3.30)
L	- 450 (11.43)	- 130 (3.30)	s	+ 225 (5.72)	+ 000 (0.00)
M	- 450 (11.43)	+ 000 (0.00)	t	+ 225 (5.72)	- 130 (3.30)
N	- 450 (11.43)	+ 130 (3.30)	u	+ 112 (2.84)	- 195 (4.95)
P	- 336 (8.53)	+ 325 (8.26)	v	+ 000 (0.00)	- 260 (6.60)
R	- 225 (5.72)	+ 390 (9.91)	w	- 112 (2.84)	- 195 (4.95)
S	- 112 (2.84)	+ 455 (11.56)	x	- 225 (5.72)	- 130 (3.30)
T	+ 000 (0.00)	+ 390 (9.91)	y	- 225 (5.72)	+ 000 (0.00)
U	+ 112 (2.84)	+ 325 (8.26)	z	- 225 (5.72)	+ 130 (3.30)
V	+ 225 (5.72)	+ 260 (6.60)	AA	- 112 (2.84)	+ 195 (4.95)

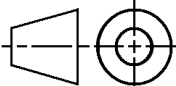
Contacts (Insert arrangement 23-53)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
W	+ 336 (8.53)	+ 195 (4.95)	BB	+ 000 (0.00)	+ 130 (3.30)
X	+ 336 (8.53)	+ 065 (1.65)	CC	+ 112 (2.84)	+ 065 (1.65)
Y	+ 336 (8.53)	- 065 (1.65)	DD	+ 112 (2.84)	- 065 (1.65)
Z	+ 336 (8.53)	- 195 (4.95)	EE	+ 000 (0.00)	- 130 (3.30)
a	+ 225 (5.72)	- 260 (6.60)	FF	- 112 (2.84)	- 065 (1.65)
b	+ 112 (2.84)	- 325 (8.26)	GG	- 112 (2.84)	+ 065 (1.65)
c	+ 000 (0.00)	- 390 (9.91)	HH	+ 000 (0.00)	+ 000 (0.00)
d	- 112 (2.84)	- 325 (8.26)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
23	-53	53	20	I	All	MS20056-53

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: 8D123Z53BC

A	27-09-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°
Designed By:		Date:	CUSTOMER DRAWING	
TITLE		Aluminium Inline plug 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT	
NA		±--	859	
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FORMAT	SOURIAU DRG N° 8D123Z53BC-C			SHEET 2/2