



LAYOUT SHOWN AS EXAMPLE

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
- Mass : 112.83 g ± 10%

Connector dimension	
Dim	Nominal
ØS	48 Max
Z	31 Max
VV THREAD	M37x1-6g

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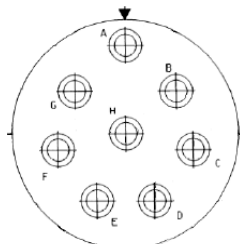
Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D525Z08BB

A	17-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE	Aluminium Plug 8D series		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	A3		SHEET 1/2
SOURIAU DRG N° 8D525Z08BB-C			

BASIC SERIES:	8D	5	-	25	Z	08	B	B	ORIENTATION : B
SHELL TYPE :	Plug with RFI Shielding								
CONTACT TYPE :	Standard Crimp Contact								
SHELL SIZE :	25								
PLATING :	Z = Black Zinc Nickel								
								CONTACT TYPE :	SOCKET(500 Matings)
								CONTACT LAYOUT :	25-08

4
3
2
1
Contact Layout



Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 25-10.)

Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	-000 (0.00)	-426 (10.82)
B	+333 (8.46)	+266 (6.76)
C	+415 (10.54)	-095 (2.41)
D	+185 (4.70)	-384 (9.75)
E	-185 (4.70)	-384 (9.75)
F	-415 (10.54)	-095 (2.41)
G	-333 (8.46)	+266 (6.76)
H	+000 (0.00)	+000 (0.00)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Standard contact	
						Pin	Socket
25	-8	8	8	Twinax	All	M39029/90-529	M39029/91-530

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SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D525Z08BB-C		SHEET 2/2