



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 : 59.76 g ± 10%

Connector dimension	
Dim	Nominal
ØS	48 Max
Z	31 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: 8D525Z19PA**

A	17-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	Aluminium Plug 8D series		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
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FORMAT	WWW.SOURIAU.COM <b>SOURIAU DRG N° 8D525Z19PA-C</b>		
<b>A3</b>			SHEET 1/2

BASIC SERIES:	8D	5	-	25	Z	19	P	A	ORIENTATION : A
SHELL TYPE :	Plug with RFI Shielding								CONTACT TYPE : PIN(500 Matings)
CONTACT TYPE :	Standard Crimp Contact								CONTACT LAYOUT : 25-19
SHELL SIZE :	25								
PLATING :	Z = Black Zinc Nickel								

4  
3  
2  
1

**Contact Layout**



Contacts  
(Insert arrangement 25-19)

Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+000 (0.00)	+409 (10.39)	L	-354 (8.99)	+205 (5.21)
B	+236 (5.99)	+409 (10.39)	M	-236 (5.99)	+409 (10.39)
C	+354 (8.99)	+205 (5.21)	N	-118 (3.00)	+205 (5.21)
D	+472 (11.99)	+000 (0.00)	P	+118 (3.00)	+205 (5.21)
E	+354 (8.99)	-205 (5.21)	R	+236 (5.99)	+000 (0.00)
F	+236 (5.99)	-409 (10.39)	S	+118 (3.00)	-205 (5.21)
G	+000 (0.00)	-409 (10.39)	T	-118 (3.00)	-205 (5.21)
H	-236 (5.99)	-409 (10.39)	U	-236 (5.99)	+000 (0.00)
J	-354 (8.99)	-205 (5.21)	V	+000 (0.00)	+000 (0.00)
K	-472 (11.99)	+000 (0.00)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
25	-19	19	12	I	All	MS20057-19

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