



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

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

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Without Plating
- 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 : 2000 hours
- Mass : 49.3 g ± 10%

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: 8D525X37AE

A	17-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE	Composite Plug 8D series		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	A3		SOURIAU DRG N° 8D525X37AE-C SHEET 1/2

BASIC SERIES:	8D	5	-	25	X	37	A	E	ORIENTATION : E
SHELL TYPE :	Plug with RFI Shielding								CONTACT TYPE : PIN(500 Matings)
CONTACT TYPE :	Standard Crimp Contact								CONTACT LAYOUT : 25-37
SHELL SIZE :	25								
PLATING :	X = Without Plating								

Contact Layout



Contacts (Insert arrangement 25-37)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+000 (.00)	+472 (11.99)	W	+242 (6.15)	+236 (5.99)
B	+185 (4.70)	+472 (11.99)	X	+326 (8.28)	+086 (2.18)
C	+333 (8.46)	+382 (9.70)	Y	+326 (8.28)	-086 (2.18)
D	+441 (11.20)	+249 (6.32)	Z	+242 (6.15)	-236 (5.99)
E	+500 (12.70)	+086 (2.18)	a	+086 (2.18)	-320 (8.13)
F	+500 (12.70)	-086 (2.18)	b	-086 (2.18)	-320 (8.13)
G	+441 (11.20)	-249 (6.32)	c	-242 (6.15)	-236 (5.99)
H	+333 (8.46)	+382 (9.70)	d	-326 (8.28)	-086 (2.18)
J	+186 (4.72)	-472 (11.99)	e	-326 (8.28)	+086 (2.18)
K	+000 (.00)	-472 (11.99)	f	-242 (6.15)	+236 (5.99)
L	-186 (4.72)	-472 (11.99)	g	-086 (2.18)	+320 (8.13)
M	-333 (8.46)	-382 (9.70)	h	+000 (.00)	+172 (4.37)
N	-441 (11.20)	-249 (6.32)	k	+154 (3.91)	+086 (2.18)
P	-500 (12.70)	-086 (2.18)	m	+154 (3.91)	-086 (2.18)
R	-500 (12.70)	+086 (2.18)	n	+000 (.00)	-172 (4.37)
S	-441 (11.20)	+249 (6.32)	p	-154 (3.91)	-086 (2.18)
T	-333 (8.46)	+382 (9.70)	q	-154 (3.91)	+086 (2.18)
U	-186 (4.72)	+472 (11.99)	r	+000 (.00)	+000 (.00)
V	+086 (2.18)	+320 (8.13)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
25	-37	37	16	II	All	---

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TITLE		Composite Plug 8D series	
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D525X37AE-C		SHEET 2/2