LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material : Composite

-Shell Plating : 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 +200°C

-Salt Spray : 2000 hours

-Mass : 80.4 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	48 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: 8D525M37BC

A	07-10-2016	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
NA		±--	**859**

BASIC SERIES: 8D 5 - 25 M 37 B C

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 25

PLATING : M = Nickel

ORIENTATION : C

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 25-37

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D525M37BC-C	1/2

Contact Layout

Contacts
(Insert arrangement 25-37)

Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location 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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FORMAT A3	SOURIAU DRG N° 8D525M37BC-C	SHEET 2/2