Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

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

-Shell Material : Aluminium

-Shell Plating : Olive drab Cadmium

-Insulator : Thermoplastic

-Contacts : Copper Alloy

-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 : 88.2 g ± 10%

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

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D525W35SA

A	10-10-2016	First Release	
ISS	DATE	Latest modification - by	
Designed By:		Date:	**CUSTOMER DRAWING**

MOD N°

TITLE — Aluminium Plug 8D series

SCALE		General linear Tolerances: ±--	NPRDS / PROJECT **859**
NA			

SOURIAU — WWW.SOURIAU.COM

BASIC SERIES:	8D	5	-	25	W	35	S	A

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 25

PLATING : W = Olive drab Cadmium

ORIENTATION : A

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 25-35

FORMAT	SOURIAU DRG N°	SHEET
A3	8D525W35SA-C	1/2

Contact Layout
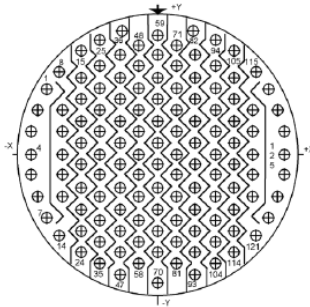
Contacts
(Insert arrangement 25-35)

Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
1	- .479 (12.17)	+ .279 (7.09)	65	+ .000 (0.00)	- .047 (1.19)
2	- .520 (13.21)	+ .190 (4.83)	66	+ .000 (0.00)	- .142 (3.61)
3	- .546 (13.87)	+ .095 (2.41)	67	+ .000 (0.00)	- .237 (6.02)
4	- .555 (14.10)	+ .000 (0.00)	68	+ .000 (0.00)	- .332 (8.43)
5	- .546 (13.87)	- .095 (2.41)	69	+ .000 (0.00)	- .427 (10.85)
6	- .520 (13.21)	- .190 (4.83)	70	+ .000 (0.00)	- .555 (14.10)
7	- .479 (12.17)	- .279 (7.09)	71	+ .083 (2.11)	+ .475 (12.07)
8	- .424 (10.77)	+ .357 (9.07)	72	+ .083 (2.11)	+ .380 (9.65)
9	- .415 (10.54)	+ .190 (4.83)	73	+ .083 (2.11)	+ .285 (7.24)
10	- .415 (10.54)	+ .095 (2.41)	74	+ .083 (2.11)	+ .190 (4.83)
11	- .415 (10.54)	.000 (0.00)	75	+ .083 (2.11)	+ .095 (2.41)
12	- .415 (10.54)	- .095 (2.41)	76	+ .083 (2.11)	+ .000 (0.00)
13	- .415 (10.54)	- .190 (4.83)	77	+ .083 (2.11)	- .095 (2.41)
14	- .424 (10.77)	- .357 (9.07)	78	+ .083 (2.11)	- .190 (4.83)
15	- .332 (8.43)	+ .444 (11.28)	79	+ .083 (2.11)	- .285 (7.24)
16	- .332 (8.43)	+ .332 (8.43)	80	+ .083 (2.11)	- .380 (9.65)
17	- .332 (8.43)	+ .237 (6.02)	81	+ .083 (2.11)	- .475 (12.07)
18	- .332 (8.43)	+ .142 (3.61)	82	+ .160 (4.06)	+ .531 (13.49)
19	- .332 (8.43)	+ .047 (1.19)	83	+ .166 (4.22)	+ .427 (10.85)
20	- .332 (8.43)	- .047 (1.19)	84	+ .166 (4.22)	+ .332 (8.43)
21	- .332 (8.43)	- .142 (3.61)	85	+ .166 (4.22)	+ .237 (6.02)
22	- .332 (8.43)	- .237 (6.02)	86	+ .166 (4.22)	+ .142 (3.61)
23	- .332 (8.43)	- .332 (8.43)	87	+ .166 (4.22)	+ .047 (1.19)
24	- .332 (8.43)	- .427 (10.85)	88	+ .166 (4.22)	- .047 (1.19)
25	- .249 (6.32)	+ .496 (12.60)	89	+ .166 (4.22)	- .142 (3.61)
26	- .249 (6.32)	+ .380 (9.65)	90	+ .166 (4.22)	- .237 (6.02)
27	- .249 (6.32)	+ .285 (7.24)	91	+ .166 (4.22)	- .332 (8.43)
28	- .249 (6.32)	+ .190 (4.83)	92	+ .166 (4.22)	- .427 (10.85)
29	- .249 (6.32)	+ .095 (2.41)	93	+ .166 (4.22)	- .522 (13.26)
30	- .249 (6.32)	+ .000 (0.00)	94	+ .249 (6.32)	+ .496 (12.60)
31	- .249 (6.32)	- .095 (2.41)	95	+ .249 (6.32)	+ .380 (9.65)
32	- .249 (6.32)	- .190 (4.83)	96	+ .249 (6.32)	+ .285 (7.24)
33	- .249 (6.32)	- .285 (7.24)	97	+ .249 (6.32)	+ .190 (4.83)
34	- .249 (6.32)	- .380 (9.65)	98	+ .249 (6.32)	+ .095 (2.41)
35	- .249 (6.32)	- .475 (12.07)	99	+ .249 (6.32)	+ .000 (0.00)
36	- .160 (4.06)	+ .531 (13.49)	100	+ .249 (6.32)	- .095 (2.41)
37	- .166 (4.22)	+ .427 (10.85)	101	+ .249 (6.32)	- .190 (4.83)
38	- .166 (4.22)	+ .332 (8.43)	102	+ .249 (6.32)	- .285 (7.24)
39	- .166 (4.22)	+ .237 (6.02)	103	+ .249 (6.32)	- .380 (9.65)
40	- .166 (4.22)	+ .142 (3.61)	104	+ .249 (6.32)	- .475 (12.07)
41	- .166 (4.22)	+ .047 (1.19)	105	+ .332 (8.43)	+ .444 (11.28)
42	- .166 (4.22)	- .047 (1.19)	106	+ .332 (8.43)	+ .332 (8.43)
43	- .166 (4.22)	- .142 (3.61)	107	+ .332 (8.43)	+ .237 (6.02)
44	- .166 (4.22)	- .237 (6.02)	108	+ .332 (8.43)	+ .142 (3.61)
45	- .166 (4.22)	- .332 (8.43)	109	+ .332 (8.43)	+ .047 (1.19)
46	- .166 (4.22)	- .427 (10.85)	110	+ .332 (8.43)	- .047 (1.19)
47	- .166 (4.22)	- .522 (13.26)	111	+ .332 (8.43)	- .142 (3.61)
48	- .083 (2.11)	+ .475 (12.07)	112	+ .332 (8.43)	- .237 (6.02)
49	- .083 (2.11)	+ .380 (9.65)	113	+ .332 (8.43)	- .332 (8.43)
50	- .083 (2.11)	+ .285 (7.24)	114	+ .332 (8.43)	- .427 (10.85)
51	- .083 (2.11)	+ .190 (4.83)	115	+ .424 (10.77)	+ .357 (9.07)
52	- .083 (2.11)	+ .095 (2.41)	116	+ .415 (10.54)	+ .190 (4.83)
53	- .083 (2.11)	+ .000 (0.00)	117	+ .415 (10.54)	+ .095 (2.41)
54	- .083 (2.11)	- .095 (2.41)	118	+ .415 (10.54)	+ .000 (0.00)
55	- .083 (2.11)	- .190 (4.83)	119	+ .415 (10.54)	- .095 (2.41)
56	- .083 (2.11)	- .285 (7.24)	120	+ .415 (10.54)	- .190 (4.83)
57	- .083 (2.11)	- .380 (9.65)	121	+ .424 (10.77)	- .357 (9.07)
58	- .083 (2.11)	- .475 (12.07)	122	+ .479 (12.17)	+ .279 (7.09)
59	+ .000 (0.00)	+ .522 (13.26)	123	+ .520 (13.21)	+ .190 (4.83)
60	+ .000 (0.00)	+ .427 (10.85)	124	+ .546 (13.87)	+ .095 (2.41)
61	+ .000 (0.00)	+ .332 (8.43)	125	+ .555 (14.10)	+ .000 (0.00)
62	+ .000 (0.00)	+ .237 (6.02)	126	+ .546 (13.87)	- .095 (2.41)
63	+ .000 (0.00)	+ .142 (3.61)	127	+ .520 (13.21)	- .190 (4.83)
64	+ .000 (0.00)	+ .047 (1.19)	128	+ .479 (12.17)	- .279 (7.09)

(Applicable to MIL-DTL-38999 only)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
25	-35	128	22D	M	All	MS27533-35

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: 8D525W35SA

ISS	DATE	Latest modification - by	MOD N°
A	10-10-2016	First Release	

TITLE	Aluminium Plug 8D series

SCALE	General linear Tolerances:	NPRDS / PROJECT
NA	±--	**859**

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D525W35SA-C	2/2