Z

ØS

VV Thread

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

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

-Shell Material	: Stainless Steel
-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	: 500 hours
-Mass	: 68.88 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	35.7 Max
Z	31 Max
VV THREAD	M25x1-6g

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: 8D517S35AN

ISS	DATE	Latest modification - by	MOD N°
A	17-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE	Stainless Steel Plug 8D series

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

BASIC SERIES:	8D	5	-	17	S	35	A	N

SHELL TYPE   : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 17

PLATING   : S =   Nickel

ORIENTATION : N

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 17-35

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D517S35AN-C	1/2

Contact Layout

Contacts
(Insert arrangement 17-35)

Contact position ID	Location X-axis (mm)	Y-axis (mm)	Contact position ID	Location X-axis (mm)	Y-axis (mm)
1	-.312 (7.92)	+.086 (2.18)	29	.000 (0.00)	-.094 (2.39)
2	-.312 (7.92)	-.004 (0.10)	30	.000 (0.00)	-.184 (4.67)
3	-.312 (7.92)	-.094 (2.39)	31	.000 (0.00)	-.274 (0.96)
4	-.242 (6.15)	+.221 (5.61)	32	+.089 (2.26)	+.316 (8.03)
5	-.234 (5.94)	+.131 (3.33)	33	+.078 (1.98)	+.221 (5.61)
6	-.234 (5.94)	+.041 (1.04)	34	+.078 (1.98)	+.131 (3.33)
7	-.234 (5.94)	-.049 (1.24)	35	+.078 (1.98)	+.041 (1.04)
8	-.234 (5.94)	-.139 (3.53)	36	+.078 (1.98)	-.049 (1.24)
9	-.234 (5.94)	-.229 (5.82)	37	+.078 (1.98)	-.139 (3.53)
10	-.172 (4.37)	+.279 (7.09)	38	+.078 (1.98)	-.229 (5.82)
11	-.156 (3.96)	+.176 (4.47)	39	+.078 (1.98)	-.319 (8.10)
12	-.156 (3.96)	+.086 (2.18)	40	+.172 (4.37)	+.279 (7.09)
13	-.156 (3.96)	-.004 (0.10)	41	+.156 (3.96)	+.176 (4.47)
14	-.156 (3.96)	-.094 (2.39)	42	+.156 (3.96)	+.086 (2.18)
15	-.156 (3.96)	-.184 (4.67)	43	+.156 (3.96)	-.004 (0.10)
16	-.156 (3.96)	-.274 (6.96)	44	+.156 (3.96)	-.094 (2.39)
17	-.089 (2.26)	+.316 (8.03)	45	+.156 (3.96)	-.184 (4.67)
18	-.078 (1.98)	+.221 (5.61)	46	+.156 (3.96)	-.274 (6.96)

Contacts
(Insert arrangement 17-35)

Contact position ID	Location X-axis (mm)	Y-axis (mm)	Contact position ID	Location X-axis (mm)	Y-axis (mm)
19	-.078 (1.98)	+.131 (3.33)	47	+.242 (6.15)	+.221 (5.61)
20	-.078 (1.98)	+.041 (1.04)	48	+.234 (5.94)	+.131 (3.33)
21	-.078 (1.98)	-.049 (1.24)	49	+.234 (5.94)	+.041 (1.04)
22	-.078 (1.98)	-.139 (3.53)	50	+.234 (5.94)	-.049 (1.24)
23	-.078 (1.98)	-.229 (5.82)	51	+.234 (5.94)	-.139 (3.53)
24	-.078 (1.98)	-.319 (8.10)	52	+.234 (5.94)	-.229 (5.82)
25	.000 (0.00)	+.329 (8.36)	53	+.312 (7.92)	+.086 (2.18)
26	.000 (0.00)	+.176 (4.47)	54	+.312 (7.92)	-.004 (0.10)
27	.000 (0.00)	+.086 (2.18)	55	+.312 (7.92)	-.094 (2.39)
28	.000 (0.00)	-.004 (0.10)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
17	-35	55	22D	M	All	MS27529-35

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D517S35AN

ISS	DATE	Latest modification - by	MOD N°
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Designed By: Date: **CUSTOMER DRAWING**

TITLE — Stainless Steel Plug 8D series

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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D517S35AN-C	2/2