Z

ØS

VV Thread

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

-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   : 26.68 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	32.5 Max
Z	31 Max
VV THREAD	M22x1-6g

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: 8D515W35AA

A	19-10-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE	Aluminium Plug 8D series

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

BASIC SERIES: 8D 5 - 15 W 35 A A

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 15

PLATING   : W = Olive drab Cadmium

ORIENTATION : A

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 15-35

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D515W35AA-C	1/2

Contact Layout

Contacts
(Insert arrangement 15-35)

Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
1	+.045 (1.14)	+.262 (6.65)	20	+.123 (3.12)	+.119 (3.02)
2	+.123 (3.12)	+.217 (5.51)	21	+.170 (4.32)	+.040 (1.02)
3	+.211 (5.36)	+.160 (4.06)	22	+.170 (4.32)	-.050 (1.27)
4	+.254 (6.45)	+.080 (2.03)	23	+.123 (3.12)	-.127 (3.23)
5	+.200 (0.70)	-.010 (.25)	24	+.045 (1.14)	-.172 (4.37)
6	+.247 (6.27)	-.098 (2.49)	25	-.045 (1.14)	-.172 (4.37)
7	+.200 (5.08)	-.175 (4.45)	26	-.123 (3.12)	-.127 (3.23)
8	+.130 (3.30)	-.232 (5.89)	27	-.170 (4.32)	-.050 (1.27)
9	+.045 (1.14)	-.262 (6.65)	28	-.170 (4.32)	+.040 (1.02)
10	-.045 (1.14)	-.262 (6.65)	29	-.123 (3.12)	+.119 (3.02)
11	-.130 (3.30)	-.232 (5.89)	30	-.045 (1.14)	+.172 (4.37)
12	-.200 (5.08)	-.175 (4.45)	31	+.045 (1.14)	+.074 (1.88)
13	-.247 (6.27)	-.098 (2.49)	32	+.090 (2.29)	-.004 (0.10)
14	-.266 (6.76)	-.010 (.25)	33	+.045 (1.14)	-.082 (2.08)
15	-.254 (6.45)	+.080 (2.03)	34	-.045 (1.14)	-.082 (2.08)
16	-.211 (5.36)	+.160 (4.06)	35	-.090 (2.29)	-.004 (0.10)
17	-.123 (3.12)	+.217 (5.51)	36	-.045 (1.14)	+.074 (1.88)
18	-.045 (1.14)	+.262 (6.65)	37	+.000 (0.00)	-.004 (0.10)
19	+.045 (1.14)	+.172 (4.37)	---	---	---

(Applicable to MIL-DTL-38999 only)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
15	-35	37	22D	M	All	MS27528-35

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D515W35AA

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A3	8D515W35AA-C	2/2