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   : Black Zinc Nickel

-Insulator   : Thermoplastic

-Contacts   : Copper Alloy

-Seals & Grommet   : Silicon Elastomer

-Contact Plating   : Gold over copper Alloy 0.8μm minimum

-Durability   : 500 Mating cycles

-Delivered without Souriau contacts

-Temperature Range   : -65°C to +175°C

-Salt Spray   : 500 hours

-Mass   : 14.95 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	25 Max
Z	31 Max
VV THREAD	M15x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D511Z35SCL

A	18-10-2016	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 **859**
NA			

SOURIAU   WWW.SOURIAU.COM

FORMAT **A3**	SOURIAU DRG N° 8D511Z35SCL-C	SHEET 1/2

BASIC SERIES: 8D 5 - 11 Z 35 S C L

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 11

PLATING   : Z =   Black Zinc Nickel

Delivered W/O Contacts

ORIENTATION : C

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 11-35

Contact Layout
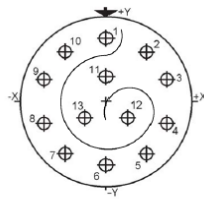
Contacts
(Insert arrangement 11-35)

Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
1	+.000 (0.00)	+.146 (3.71)	8	-.138 (3.51)	-.045 (1.14)
2	+.085 (2.16)	+.118 (3.00)	9	-.138 (3.51)	+.045 (1.14)
3	+.138 (3.51)	+.045 (1.14)	10	-.085 (2.16)	+.118 (3.00)
4	+.138 (3.51)	-.045 (1.14)	11	+.000 (0.00)	+.056 (1.42)
5	+.085 (2.16)	-.118 (3.00)	12	+.049 (1.24)	-.035 (0.89)
6	+.000 (0.00)	-.146 (3.71)	13	-.049 (1.24)	-.035 (0.89)
7	-.085 (2.16)	-.118 (3.00)	---	---	---

(Applicable to MIL-DTL-38999 only)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
11	-35	13	22D	M	All	MS27526-35

Country	Jurisdiction & Control List
FR	Not Listed

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A3	8D511Z35SCL-C	2/2