



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

Connector dimension	
Dim	Nominal
F	19.05 Max
Z	31.5 Max
VV THREAD	M15x1-6g

**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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours

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: 8D111Z35SN**

A	27-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	Aluminium Inline plug 8D series		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
NA	<b>SOURIAU</b> <a href="http://WWW.SOURIAU.COM">WWW.SOURIAU.COM</a>		This document is the property of SOURIAU it must not be reproduced or communicated without permission
FORMAT	<b>A3</b>		<b>SOURIAU DRG N° 8D111Z35SN-C</b> SHEET 1/2

BASIC SERIES:	8D	1	-	11	Z	35	S	N	ORIENTATION : N
SHELL TYPE :	In line Receptacle				CONTACT TYPE : SOCKET(500 Matings)				
CONTACT TYPE :	Standard Crimp Contact				CONTACT LAYOUT : 11-35				
SHELL SIZE :	11								
PLATING :	Z = Black Zinc Nickel								

4  
3  
2  
1

**Contact Layout**



Contacts (Insert arrangement 11-35)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	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

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