



LAYOUT SHOWN AS EXAMPLE

Keying 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 : 13.99 g ± 10%

Connector dimension	
Dim	Nominal
A	30.2±0.3
B	16.53+0.1/-0.15
R	32.5Max
S	27±0.4
W	2.2+0.9/-0.1
VV THREAD	M12x1-6g

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: 8D709Z35SCL**

A	03-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	<b>Aluminium Receptacle 8D series</b>		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
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FORMAT	<b>A3</b>		<b>SOURIAU DRG N° 8D709Z35SCL-C</b>
			SHEET 1/2

BASIC SERIES: 8D 7 - 09 Z 35 S C L  
 SHELL TYPE : Jam nut Receptacle  
 CONTACT TYPE : Standard Crimp Contact  
 SHELL SIZE : 09  
 PLATING : Z = Black Zinc Nickel

Delivered W/O Contacts  
 ORIENTATION : C  
 CONTACT TYPE : SOCKET(500 Matings)  
 CONTACT LAYOUT : 09-35

Contact Layout



Contacts (Insert arrangement 9-35)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
1	+045 (1.14)	+078 (1.98)
2	+078 (1.98)	-045 (1.14)
3	+000 (0.00)	-090 (2.29)
4	-078 (1.98)	-045 (1.14)
5	-045 (1.14)	+078 (1.98)
6	+000 (0.00)	+000 (0.00)

(Applicable to MIL-DTL-38999 and SAE-AS29600)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
9	-35	6	22D	M	All	MS27525-35

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



Dim	Nominal
B	16.7±0.1
ØC	17.6+0.25/-0

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FORMAT	<b>SOURIAU DRG N° 8D709Z35SCL-C</b>		SHEET 2/2