



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- 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 without Souriau contacts
- Temperature Range : -65°C to +200°C
- Salt Spray : 2000 hours
- Mass : 7.4 g ± 10%

Connector dimension	
Dim	Nominal
P	3.25±0.2
PP	5.49±0.2
R1	18.26
R2	15.09
S	23.8±0.3
V'	19.5+1.4/-0
W'	2.1/3.65
Z'	32 Max
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: 8D009M35PAL**

A	03-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>

**TITLE** Composite Receptacle 8D series

SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	<b>859</b>

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FORMAT	<b>SOURIAU DRG N° 8D009M35PAL-C</b>		SHEET
<b>A3</b>			<b>1/2</b>

BASIC SERIES: 8D 0 - 09 M 35 P A L

SHELL TYPE : Square Flange Receptacle Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : A

SHELL SIZE : 09 CONTACT TYPE : PIN(500 Matings)

PLATING : M = Nickel 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



Dim	Nominal
ØA	16.66 min
ØAA	13.11 min
R1	18.26
ØT	3.25 ±0.13

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FORMAT	<b>SOURIAU DRG N° 8D009M35PAL-C</b>		SHEET 2/2