



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Without Plating
- 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 : 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	20.83+0/-1.25
W	2.1/2.5
Z	31.5 Max
VV THREAD	M12x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D009X98PNL

A	04-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE	Composite Receptacle 8D series		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	A3		SOURIAU DRG N° 8D009X98PNL-C
			SHEET 1/2

BASIC SERIES:	8D	0	-	09	X	98	P	N	L	Delivered W/O Contacts
SHELL TYPE :	Square Flange Receptacle					ORIENTATION : N				
CONTACT TYPE :	Standard Crimp Contact					CONTACT TYPE : PIN(500 Matings)				
SHELL SIZE :	09					CONTACT LAYOUT : 09-98				
PLATING :	X = Without Plating									

Contact Layout



Contacts (insert arrangement 9-98)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+065 (1.65)	+038 (0.97)
B	+000 (0.00)	-075 (1.91)
C	-065 (1.65)	+038 (0.97)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
9	-98	3	20	I	All	MS20049-98

Panel Cutout



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

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TITLE	Composite Receptacle 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D009X98PNL-C		SHEET 2/2