



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 : 10.4 g ± 10%

Connector dimension	
Dim	Nominal
P	3.25±0.2
PP	4.93±0.2
R1	20.62
R2	18.26
S	26.2±0.3
V	20.83+0/-1.25
W	2.1/2.5
Z	31.5 Max
VV THREAD	M15x1-6g

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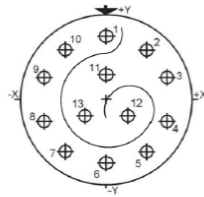
Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D011X35SCL

A	08-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE	Composite Receptacle 8D series		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
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SOURIAU	WWW.SOURIAU.COM		
FORMAT	SOURIAU DRG N° 8D011X35SCL-C		SHEET 1/2

BASIC SERIES:	8D	0	-	11	X	35	S	C	L	Delivered W/O Contacts
SHELL TYPE :	Square Flange Receptacle									ORIENTATION : C
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : SOCKET(500 Matings)
SHELL SIZE :	11									CONTACT LAYOUT : 11-35
PLATING :	X = Without Plating									

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

Panel Cutout



Dim	Nominal
ØA	20.22 min
ØAA	15.88 min
R1	20.62
ØT	3.25 ±0.13

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NA		±--	859
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FORMAT	SOURIAU DRG N° 8D011X35SCL-C		SHEET 2/2