



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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 2000 hours
- Mass : 10.2 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'	19.5+1.4/-0
W'	2.1/3.65
Z'	32 Max
VV THREAD	M15x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D011M04PN

A	07-10-2016	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
NA		This document is the property of SOURIAU it must not be reproduced or communicated without permission	
SOURIAU	WWW.SOURIAU.COM		
FORMAT	SOURIAU DRG N° 8D011M04PN-C		SHEET 1/2

BASIC SERIES:	8D	0	-	11	M	04	P	N	ORIENTATION : N
SHELL TYPE :	Square Flange Receptacle								CONTACT TYPE : PIN(500 Matings)
CONTACT TYPE :	Standard Crimp Contact								CONTACT LAYOUT : 11-04
SHELL SIZE :	11								
PLATING :	M = Nickel								

Contact Layout



Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+0.65 (1.65)	+0.65 (1.65)
B	+0.65 (1.65)	-0.65 (1.65)
C	-0.65 (1.65)	-0.65 (1.65)
D	-0.65 (1.65)	+0.65 (1.65)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
11	-4	4	20	I	All	MS20050-4

Panel Cutout



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

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SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D011M04PN-C		SHEET 2/2