



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Olive drab Cadmium
- 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 +175°C
- Salt Spray : 2000 hours
- Mass : 57.7 g ± 10%

Connector dimension	
Dim	Nominal
P	3.25±0.2
PP	4.93±0.2
R1	31.75
R2	29.36
S	39.7±0.3
V'	18.7+1.4/-0
W'	2.1/4.35
Z'	32 Max
VV THREAD	M31x1-6g

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: 8D021J48SN

A	03-11-2016	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	SOURIAU DRG N° 8D021J48SN-C		SHEET 1/2

BASIC SERIES:	8D	0	-	21	J	48	S	N
SHELL TYPE :	Square Flange Receptacle							
CONTACT TYPE :	Standard Crimp Contact							
SHELL SIZE :	21							
PLATING :	J = Olive drab Cadmium							
								ORIENTATION : N
								CONTACT TYPE : SOCKET(500 Matings)
								CONTACT LAYOUT : 21-48

Contact Layout

48



4#8 Power

21-48		
Ctc	X	Y
A	4.57	4.57
B	4.57	-4.57
C	-4.57	-4.57
D	-4.57	4.57

Panel Cutout



Dim	Nominal
ØA	36.12 min
ØAA	32.16 min
R1	31.75
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° 8D021J48SN-C		SHEET 2/2