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

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

Connector dimension	
Dim	**Nominal**
P	3.25±0.2
PP	4.93±0.2
R1	23.01
R2	20.62
S	28.6±0.3
V'	19.5+1.4/-0
W'	2.1/3.65
Z'	32 Max
VV THREAD	M18x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D013M04JC

A	15-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

BASIC SERIES:	8D	0	-	13	M	04	J	C

SHELL TYPE   : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 13

PLATING   : M =   Nickel

ORIENTATION : C

CONTACT TYPE : SOCKET (1500 Matings)

CONTACT LAYOUT : 13-04

TITLE   Composite Receptacle 8D series

SCALE   NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

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FORMAT **A3**

SOURIAU DRG N° 8D013M04JC-C

SHEET 1/2

Contact Layout

Contacts (Insert arrangement 13-4)		
Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)
A	+.000 (0.00)	+.150 (3.81)
B	+.146 (3.71)	+.035 (0.89)
C	+.000 (0.00)	-.083 (2.11)
D	-.146 (3.71)	+.035 (0.89)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
13	-4	4	16	I	All	MS20051-4

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0) FRONT MOUNTING

Dim	Nominal
ØA	23.42 min
ØAA	19.05 min
R1	23.01
ØT	3.25 ±0.13

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: 8D013M04JC

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Designed By: Date: **CUSTOMER DRAWING**

TITLE Composite Receptacle 8D series

SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	**859**

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D013M04JC-C	2/2