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

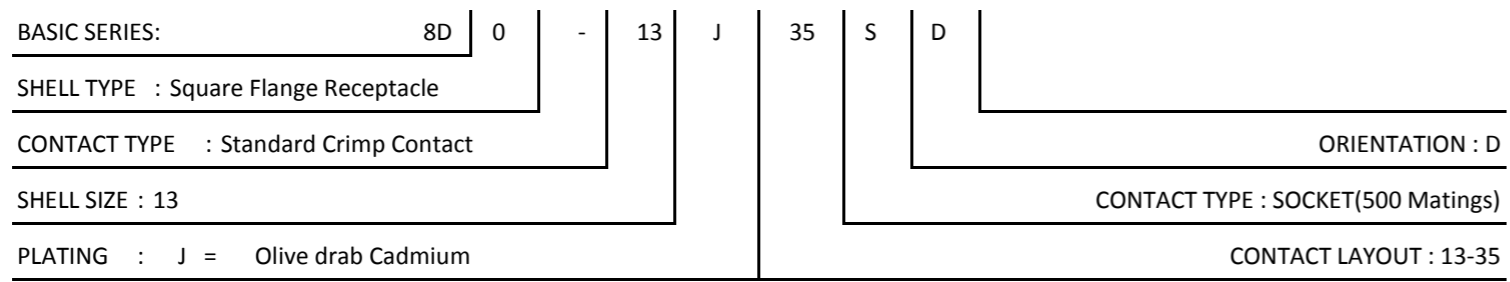-Mass   : 19.6 g ± 10%

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

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: 8D013J35SD

A	14-10-2016	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
NA		±--	**859**

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D013J35SD-C	1/2

BASIC SERIES: 8D 0 - 13 J 35 S D

SHELL TYPE   : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 13

PLATING   : J =   Olive drab Cadmium

ORIENTATION : D

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 13-35

Contact Layout

Contacts
(Insert arrangement 13-35)

Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
1	+.045 (1.14)	+.197 (5.00)	12	-.182 (4.62)	+.088 (2.24)
2	+.126 (3.20)	+.158 (4.01)	13	-.126 (3.20)	+.158 (4.01)
3	+.182 (4.62)	+.088 (2.24)	14	-.045 (1.14)	+.197 (5.00)
4	+.203 (5.16)	+.000 (0.00)	15	+.045 (1.14)	+.107 (2.72)
5	+.182 (4.62)	-.088 (2.24)	16	+.117 (2.97)	+.026 (0.66)
6	+.126 (3.20)	-.158 (4.01)	17	+.093 (2.36)	-.075 (1.91)
7	+.045 (1.14)	-.197 (5.00)	18	+.000 (.00)	-.120 (3.05)
8	-.045 (1.14)	-.197 (5.00)	19	-.093 (2.36)	-.075 (1.91)
9	-.126 (3.20)	-.158 (4.01)	20	-.117 (2.97)	+.026 (0.66)
10	-.182 (4.62)	-.088 (2.24)	21	-.045 (1.14)	+.107 (2.72)
11	-.203 (5.16)	+.000 (0.00)	22	+.000 (.00)	-.030 (0.76)

(Applicable to MIL-DTL-38999 only)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
13	-35	22	22D	M	All	MS27527-35

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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D013J35SD-C	2/2