Z'
V'
W'
VV Thread

S
R1
R2
P
PP

Keying Shown as example

LAYOUT 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 without Souriau contacts

-Temperature Range   : -65°C to +175°C

-Salt Spray   : 2000 hours

-Mass   : 17.2 g ± 10%

Connector dimension	
Dim	**Nominal**
P	3.25±0.2
PP	4.39±0.2
R1	24.61
R2	23.01
S	31±0.3
V'	19.5+1.4/-0
W'	2.1/3.65
Z'	32 Max
VV THREAD	M22x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D015J19SEL

ISS	DATE	Latest modification - by		MOD N°
A	12-10-2016	First Release		

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Composite Receptacle 8D series

SCALE   General linear Tolerances: ±--   NPRDS / PROJECT

NA   **859**

SOURIAU   WWW.SOURIAU.COM

BASIC SERIES:	8D	0	-	15	J	19	S	E	L

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 15

PLATING : J =   Olive drab Cadmium

Delivered W/O Contacts

ORIENTATION : E

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 15-19

FORMAT   SOURIAU DRG N°   SHEET

A3   8D015J19SEL-C   1/2

Contact Layout

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0)
REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING

Contacts (Insert arrangement 15-19)

Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
A	+.000 (0.00)	+.225 (5.72)	L	-.195 (4.95)	+.113 (2.87)
B	+.130 (3.30)	+.225 (5.72)	M	-.130 (3.30)	+.225 (5.72)
C	-.195 (4.95)	-.113 (2.07)	N	-.065 (1.65)	+.113 (2.07)
D	+.260 (6.60)	+.000 (0.00)	P	+.065 (1.65)	+.113 (2.87)
E	+.195 (4.95)	-.113 (2.87)	R	+.130 (3.30)	+.000 (0.00)
F	+.130 (3.30)	-.225 (5.72)	S	+.065 (1.65)	-.113 (2.87)
G	+.000 (0.00)	-.225 (5.72)	T	-.065 (1.65)	-.113 (2.87)
H	-.130 (3.30)	-.225 (5.72)	U	-.130 (3.30)	+.000 (0.00)
J	-.195 (4.95)	-.113 (2.87)	V	+.000 (0.00)	+.000 (0.00)
K	-.260 (6.60)	+.000 (0.00)	—	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
15	-19	19	20	I	All	MS20052-19

Dim	Nominal
ØA	26.59 min
ØAA	23.01 min
R1	24.61
ØT	3.25 ±0.13

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D015J19SEL

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Designed By: | Date: | **CUSTOMER DRAWING**

TITLE | Composite Receptacle 8D series

SCALE: NA

General linear Tolerances: ±--

NPRDS / PROJECT
859

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FORMAT: A3

SOURIAU DRG N°
8D015J19SEL-C

SHEET: 2/2