Z'
V'
W'
VV Thread

S
R1
R2
PP
P

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 with Souriau contacts and Accessories

-Temperature Range : -65°C to +175°C
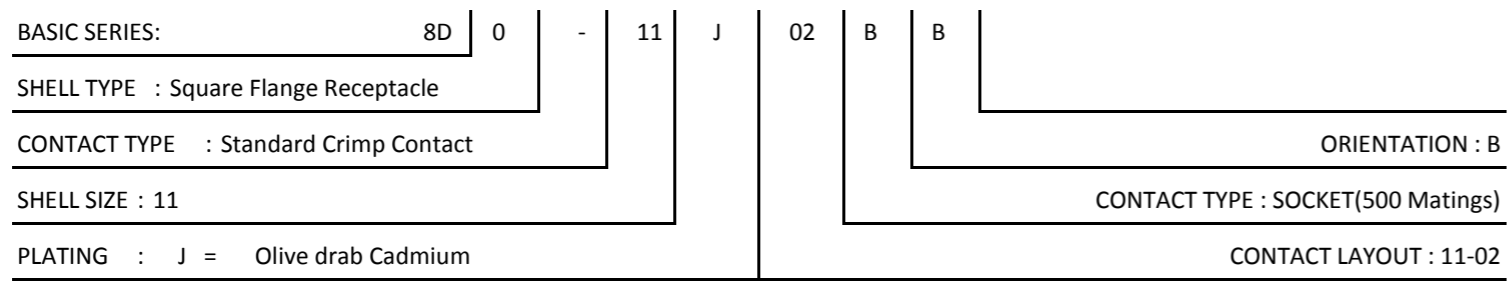
-Salt Spray : 2000 hours

-Mass : 11.8 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

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D011J02BB

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**

SOURIAU WWW.SOURIAU.COM

FORMAT	SOURIAU DRG N°	SHEET
A3	8D011J02BB-C	1/2

BASIC SERIES: 8D 0 - 11 J 02 B B

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 11

PLATING : J = Olive drab Cadmium

ORIENTATION : B

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 11-02

Contact Layout

.095
(2.41mm)

.095
(2.41mm)

Contacts (Insert arrangement 11-2)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+.095 (2.41)	+.000 (.00)
B	-.095 (2.41)	+.000 (.00)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location
11	-2	2	16	I	All

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0) FRONT MOUNTING

Dim	Nominal
ØA	20.22 min
ØAA	15.88 min
R1	20.62
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: 8D011J02BB

A	14-10-2016	First Release	
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Designed By: Date: **CUSTOMER DRAWING**

TITLE	Composite Receptacle 8D series

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

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FORMAT A3	SOURIAU DRG N° 8D011J02BB-C	SHEET 2/2