Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material   : Composite

-Shell Plating   : Without Plating

-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	20.83+0/-1.25
W	2.1/2.5
Z	31.5 Max
VV THREAD	M15x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D011X02SN

A	08-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

BASIC SERIES:	8D	0	-	11	X	02	S	N

SHELL TYPE   : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 11

PLATING   : X =   Without Plating

ORIENTATION : N

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 11-02

TITLE   Composite Receptacle 8D series

SCALE   NA

General linear
Tolerances:
±--

NPRDS / PROJECT
859

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FORMAT   **A3**

SOURIAU DRG N°
8D011X02SN-C

SHEET   1/2

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

R1

R1

ØT

ØA

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING

R1

R1

ØT

ØAA

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: 8D011X02SN

A	08-10-2016	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 **859**
NA			

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FORMAT **A3**	SOURIAU DRG N° 8D011X02SN-C	SHEET 2/2