



LAYOUT SHOWN AS EXAMPLE

Keying 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 without Souriau contacts
- Temperature Range : -65°C to +175°C
- Salt Spray : 2000 hours

Connector dimension	
Dim	Nominal
P	3.25±0.2
PP	4.93±0.2
R1	26.97
R2	24.61
S	33.3±0.3
V	20.83+0/-1.25
W	2.1/2.5
Z	31.5 Max
VV THREAD	M25x1-6g

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: 8D017X20SCL**

B	17-04-17	Drawing Update	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	<b>Composite Receptacle 8D series</b>		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
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FORMAT	<b>SOURIAU DRG N° 8D017X20SCL-C</b>		SHEET 1/2

BASIC SERIES:	8D	0	-	17	X	20	S	C	L	Delivered W/O Contacts
SHELL TYPE :	Square Flange Receptacle									ORIENTATION : C
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : SOCKET(500 Matings)
SHELL SIZE :	17									CONTACT LAYOUT : 17-20
PLATING :	X = Without Plating									

Contact Layout

20\*



4#12  
16#22D

17-20		
Ctc	X	Y
A	0	5.51
B	3.17	0
C	0	-5.51
D	-3.17	0
1	4.16	7.06
2	4.29	4.29
3	7.11	4.03
4	8.05	1.4
5	8.05	-1.4
6	7.11	-4.03
7	4.29	-4.29
8	4.16	-7.06
9	-4.16	-7.06
10	-4.29	-4.29
11	-7.11	-4.03
12	-8.05	-1.4
13	-8.05	1.4
14	-7.11	4.03
15	-4.29	4.29
16	-4.16	7.06

Panel Cutout



Max. thickness panel for receptacle: Type 0: front mounting = 3.2 mm, rear mounting = 2.5 mm

Dim	Nominal
ØA	30.96 min
ØAA	25.81 min
R1	26.97
ØT	3.25 ±0.13

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FORMAT	<b>SOURIAU DRG N° 8D017X20SCL-C</b>		SHEET 2/2