Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

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

-Shell Material   : Aluminium

-Shell Plating   : Nickel

-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 +200°C

-Salt Spray   : 48 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: 8D017F20SA

B	09-04-17	Drawing Update	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE — Aluminium Receptacle 8D series

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

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FORMAT A3	SOURIAU DRG N° 8D017F20SA-C	SHEET 1/2

BASIC SERIES: 8D 0 - 17 F 20 S A

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 17

PLATING   : F = Nickel

ORIENTATION : A

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 17-20

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

SQUARE FLANGE RECEPTACLE (TYPE 0)
REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING

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

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D017F20SA

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Designed By: Date: **CUSTOMER DRAWING**

TITLE	Aluminium Receptacle 8D series

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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D017F20SA-C	2/2