



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Stainless Steel
- 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 : 500 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

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Country	Jurisdiction & Control List
FR	Not Listed

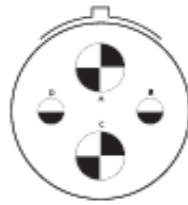
PN: 8D017S22AA

B	11-04-17	Drawing Update	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE	Stainless Steel Receptacle 8D series		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	A3		SOURIAU DRG N° 8D017S22AA-C
			SHEET 1/2

BASIC SERIES:	8D	0	-	17	S	22	A	A
SHELL TYPE	: Square Flange Receptacle							
CONTACT TYPE	: Standard Crimp Contact							
SHELL SIZE	: 17							
PLATING	: S = Nickel							
							ORIENTATION : A	
							CONTACT TYPE : PIN(500 Matings)	
							CONTACT LAYOUT : 17-22	

Contact Layout

22



2#12
2#8 Triax

17-22		
Ctc	X	Y
A	0	4.57
B	6.32	0
C	0	-4.57
D	-6.32	0

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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TITLE	Stainless Steel Receptacle 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D017S22AA-C		SHEET 2/2