



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 without Souriau contacts
- 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	31.75
R2	29.36
S	39.7±0.3
V	20.07+0/-1.25
W	2.1/3.2
Z	31.5 Max
VV THREAD	M31x1-6g

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: 8D021S42PEL

A	03-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING

TITLE Stainless Steel Receptacle 8D series

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

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FORMAT	SOURIAU DRG N° 8D021S42PEL-C		SHEET
A3			1/2

BASIC SERIES: 8D 0 - 21 S 42 P E L

SHELL TYPE : Square Flange Receptacle Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : E

SHELL SIZE : 21 CONTACT TYPE : PIN(500 Matings)

PLATING : S = Nickel CONTACT LAYOUT : 21-42

Contact Layout



2#4 Power

21-42		
Ctc	X	Y
A	0	6.19
B	0	-6.19

Panel Cutout



Dim	Nominal
ØA	36.12 min
ØAA	32.16 min
R1	31.75
ØT	3.25 ±0.13

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