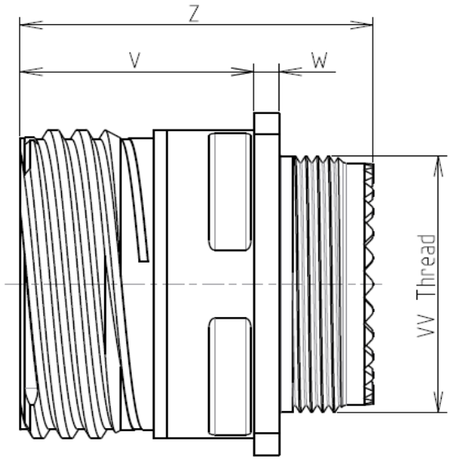
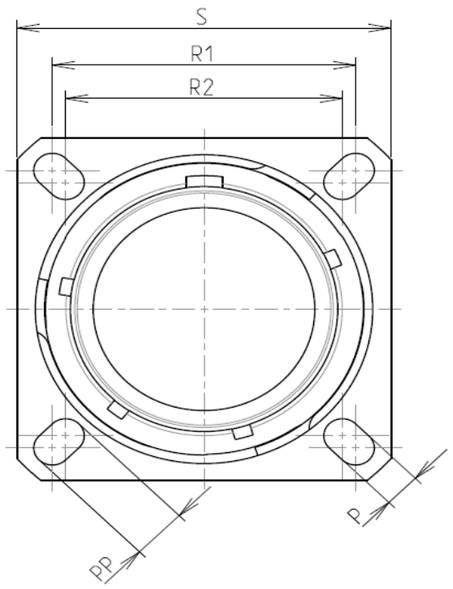
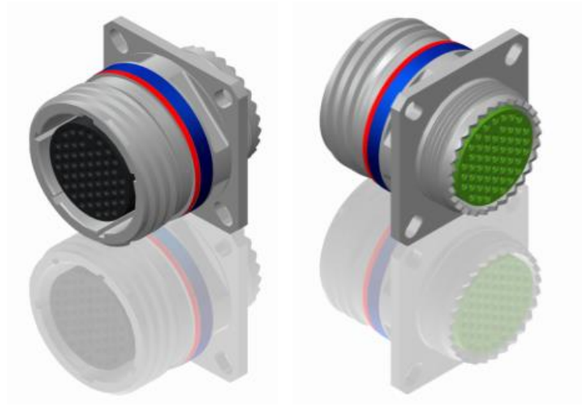




Keying Shown as example



LAYOUT 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	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

BASIC SERIES:	8D	0	-	21	S	42	B	D	
SHELL TYPE : Square Flange Receptacle									ORIENTATION : D
CONTACT TYPE : Standard Crimp Contact									CONTACT TYPE : SOCKET(500 Matings)
SHELL SIZE : 21									CONTACT LAYOUT : 21-42
PLATING : S = Nickel									

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: 8D021S42BD

ISS	DATE	Latest modification - by	MOD N°
A	03-11-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Stainless Steel Receptacle 8D series

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

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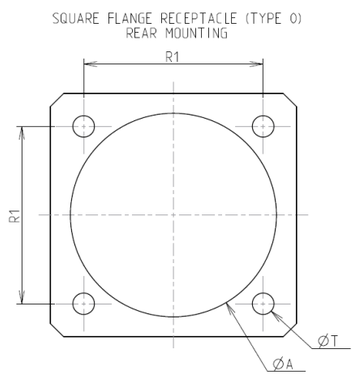
Contact Layout

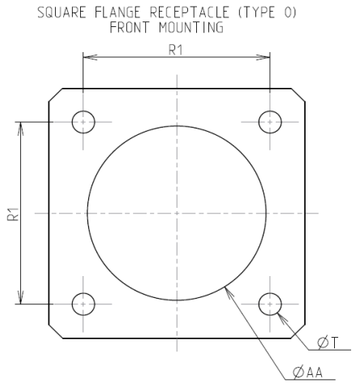
42

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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