Z
V
W
VV Thread

S
R1
R2
PP
P

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Stainless Steel
-Shell Plating : Passivated
-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
-Mass : 105.91 g ± 10%

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

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D021K48BA

A	02-11-2016	First Release		
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

SOURIAU   WWW.SOURIAU.COM

BASIC SERIES: 8D 0 - 21 K 48 B A
SHELL TYPE : Square Flange Receptacle
CONTACT TYPE : Standard Crimp Contact
SHELL SIZE : 21
PLATING : K = Passivated

ORIENTATION : A
CONTACT TYPE : SOCKET(500 Matings)
CONTACT LAYOUT : 21-48

FORMAT
A3

SOURIAU DRG N°
8D021K48BA-C

SHEET
1/2

Contact Layout

48

4#8 Power

21-48		
Ctc	X	Y
A	4.57	4.57
B	4.57	-4.57
C	-4.57	-4.57
D	-4.57	4.57

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0)
REAR MOUNTING
R1
R1
ØT
ØA

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING
R1
R1
ØT
ØAA

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

Country	Jurisdiction & Control List
FR	Not Listed

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FORMAT

A3

SOURIAU DRG N°
8D021K48BA-C