VV Thread

S
R1
R2

P
PP

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

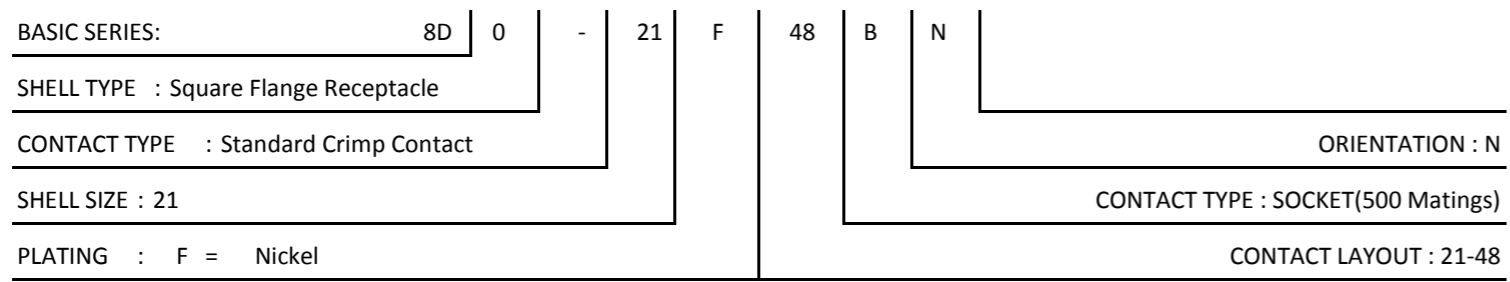-Salt Spray   : 48 hours

-Mass   : 43.73 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: 8D021F48BN

ISS	DATE	Latest modification - by	MOD N°
A	02-11-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE	Aluminium Receptacle 8D series

SCALE

NA

General linear Tolerances: ±--

NPRDS / PROJECT
859

SOURIAU   WWW.SOURIAU.COM

FORMAT	SOURIAU DRG N°	SHEET
A3	8D021F48BN-C	1/2

BASIC SERIES: 8D 0 - 21 F 48 B N

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 21

PLATING   : F =   Nickel

ORIENTATION : N

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 21-48

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 O)
REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE O)
FRONT MOUNTING

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

PN: 8D021F48BN

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D021F48BN-C	2/2