LAYOUT SHOWN AS EXAMPLE

Keying 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 without Souriau contacts

-Temperature Range : -65°C to +200°C

-Salt Spray : 48 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

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D021F72PBL

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 **A3**

SOURIAU DRG N° **8D021F72PBL-C**

SHEET 1/2

BASIC SERIES: 8D 0 - 21 F 72 P B L

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 21

PLATING : F = Nickel

Delivered W/O Contacts

ORIENTATION : B

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 21-72

Contact Layout

72

2#4 Power
6#16

21-72		
Ctc	X	Y
A	0	6.19
B	8.5	4.3
C	6.25	0
D	8.5	-4.3
E	0	-6.19
F	-8.5	-4.3
G	-6.25	0
H	-8.5	4.3

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0)
REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING

R1

R1

R1

R1

ØT

ØA

ØT

ØAA

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

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: 8D021F72PBL

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

TITLE	Aluminium Receptacle 8D series

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

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FORMAT **A3**	SOURIAU DRG N° 8D021F72PBL-C	SHEET 2/2