LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material   : Aluminium

-Shell Plating   : Black Zinc 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 +175°C

-Salt Spray   : 500 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

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: 8D021Z48SN

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

Designed By: Date:

CUSTOMER DRAWING

BASIC SERIES:	8D	0	-	21	Z	48	S	N

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 21

PLATING   :   Z =   Black Zinc Nickel

ORIENTATION : N

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 21-48

TITLE Aluminium Receptacle 8D series

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

SOURIAU   WWW.SOURIAU.COM

This document is the property of
SOURIAU
it must not be reproduced or
communicated without permission

FORMAT	SOURIAU DRG N°	SHEET
A3	8D021Z48SN-C	1/2

Contact Layout

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0)
REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING

(Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 21-76.)

Contacts (Insert arrangement 21-75)		
Contact position ID	Location	
	X axis	Y axis
A	+ .180 (4.57)	+ .180 (4.57)
B	+ .180 (4.57)	- .180 (4.57)
C	- .180 (4.57)	- .180 (4.57)
D	- .180 (4.57)	+ .180 (4.57)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Standard contact	
						Pin	Socket
21	-75	4	8 (see note)	Twinax	All	M39029/90-529	M39029/91-530

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: 8D021Z48SN

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

Designed By: | Date: | **CUSTOMER DRAWING**

TITLE | Aluminium Receptacle 8D series

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

SOURIAU | WWW.SOURIAU.COM

FORMAT	SOURIAU DRG N°	SHEET
A3	8D021Z48SN-C	2/2