



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

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

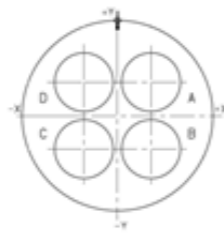
**PN: 8D021K48BC**

A	02-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	<b>Stainless Steel Receptacle 8D series</b>		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
NA			This document is the property of SOURIAU it must not be reproduced or communicated without permission
<b>SOURIAU</b>	<b>WWW.SOURIAU.COM</b>		
FORMAT	<b>SOURIAU DRG N° 8D021K48BC-C</b>		SHEET 1/2

BASIC SERIES:	8D	0	-	21	K	48	B	C	ORIENTATION : C
SHELL TYPE :	Square Flange Receptacle								CONTACT TYPE : SOCKET(500 Matings)
CONTACT TYPE :	Standard Crimp Contact								CONTACT LAYOUT : 21-48
SHELL SIZE :	21								
PLATING :	K = Passivated								

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



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: 8D021K48BC**

A	02-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	<b>Stainless Steel Receptacle 8D series</b>		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	<b>859</b>
<b>SOURIAU</b>	<b>WWW.SOURIAU.COM</b>		This document is the property of SOURIAU it must not be reproduced or communicated without permission
FORMAT	<b>SOURIAU DRG N° 8D021K48BC-C</b>		SHEET 2/2