



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 without Souriau contacts
- Temperature Range : -65°C to +200°C
- Salt Spray : 500 hours

Connector dimension	
Dim	Nominal
A	52.4±0.3
B	36.5+0.1/-0.15
R	32.5Max
S	49.2±0.4
W	3+0.9/-0.1
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: 8D721K42SCL

A	09-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: _____ Date: _____ **CUSTOMER DRAWING**

TITLE	Stainless Steel Receptacle 8D series		
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SCALE		General linear Tolerances: ±--	NPRDS / PROJECT
NA			859

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FORMAT	SOURIAU DRG N° 8D721K42SCL-C	SHEET
A3		1/2

BASIC SERIES:	8D	7	-	21	K	42	S	C	L	Delivered W/O Contacts
SHELL TYPE :	Jam nut Receptacle									ORIENTATION : C
CONTACT TYPE :	Standard Crimp Contact									CONTACT TYPE : SOCKET(500 Matings)
SHELL SIZE :	21									CONTACT LAYOUT : 21-42
PLATING :	K = Passivated									

Contact Layout

42



2#4 Power

21-42		
Ctc	X	Y
A	0	6.19
B	0	-6.19

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



Max. thickness panel for receptacle: Type 7: 3.2 mm

Dim	Nominal
B	37.08+0/-0.25
ØC	38.35+0.25/-0

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