



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

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: 8D721Z42AE

A	08-11-2016	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

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FORMAT	SOURIAU DRG N° 8D721Z42AE-C		SHEET
A3			1/2

BASIC SERIES: 8D 7 - 21 Z 42 A E

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 21

PLATING : Z = Black Zinc Nickel

ORIENTATION : E

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 21-42

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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