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

-Mass   : 44.16 g ± 10%

R
22.6 Max W
B On flat
VV Thread

S

Ø A

Keying Shown as example

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

LAYOUT SHOWN AS EXAMPLE

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D721F75PDL

A	08-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

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°
8D721F75PDL-C

SHEET
1/2

BASIC SERIES: 8D 7 - 21 F 75 P D L

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 21

PLATING   : F = Nickel

Delivered W/O Contacts

ORIENTATION : D

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 21-75

Contact Layout

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)

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

(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
B	37.08+0/-0.25
ØC	38.35+0.25/-0

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: 8D721F75PDL

A	08-11-2016	First Release	
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Designed By:	Date:	CUSTOMER DRAWING

TITLE	Aluminium Receptacle 8D series

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

FORMAT A3	SOURIAU DRG N° 8D721F75PDL-C	SHEET 2/2