

H G F E D C B A



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Without Plating
- 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 : 2000 hours
- Mass : 47.3 g ± 10%

Connector dimension	
Dim	Nominal
ØS	41.7 Max
Z	31 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: 8D521X75PB**

A	11-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>		Composite Plug 8D series	
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
<b>SOURIAU</b>		WWW.SOURIAU.COM	
FORMAT <b>A3</b>		SOURIAU DRG N° <b>8D521X75PB-C</b>	
		SHEET 1/2	

BASIC SERIES:	8D	5	-	21	X	75	P	B	ORIENTATION : B
SHELL TYPE :	Plug with RFI Shielding								
CONTACT TYPE :	Standard Crimp Contact								
SHELL SIZE :	21								
PLATING :	X = Without Plating								
	CONTACT TYPE : PIN(500 Matings)								
	CONTACT LAYOUT : 21-75								

4

3

2

1

4

3

2

1

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Contact Layout



(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

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FORMAT	<b>SOURIAU DRG N° 8D521X75PB-C</b>		SHEET 2/2