

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 without Souriau contacts
- Temperature Range : -65°C to +175°C
- Salt Spray : 2000 hours

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: 8D521X77PEL**

A	11-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>

**TITLE** Composite Plug 8D series

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

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FORMAT	<b>SOURIAU DRG N° 8D521X77PEL-C</b>		SHEET
<b>A3</b>			<b>1/2</b>

BASIC SERIES: 8D 5 - 21 X 77 P E L

SHELL TYPE : Plug with RFI Shielding Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : E

SHELL SIZE : 21 CONTACT TYPE : PIN(500 Matings)

PLATING : X = Without Plating CONTACT LAYOUT : 21-77

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Contact Layout

**77**



17#22D  
2#8 Triax

21-77		
Ctc	X	Y
A	1.96	8.38
B	5.46	7.67
C	8.51	5.79
D	10.46	2.82
E	10.46	-2.82
F	8.51	-5.79
G	5.46	-7.67
H	1.96	-8.38
J	0	-5.41
K	-1.96	-8.38
L	-5.46	-7.67
M	-8.51	-5.79
N	-10.46	-2.82
P	-10.46	2.82
R	-8.51	5.79
S	-5.46	7.67
T	-1.96	8.38
U	-4.57	0
V	4.57	0

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FORMAT	<b>SOURIAU DRG N° 8D521X77PEL-C</b>		SHEET 2/2