



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Olive drab Cadmium
- 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'	31.5 Max
VV THREAD	M31x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D521J77PNL

A	07-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE		Composite Plug 8D series	
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT A3	SOURIAU DRG N° 8D521J77PNL-C		SHEET 1/2

BASIC SERIES:	8D	5	-	21	J	77	P	N	L	Delivered W/O Contacts
SHELL TYPE :	Plug with RFI Shielding				ORIENTATION : N					
CONTACT TYPE :	Standard Crimp Contact				CONTACT TYPE : PIN(500 Matings)					
SHELL SIZE :	21				CONTACT LAYOUT : 21-77					
PLATING :	J = Olive drab Cadmium									

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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NA		±--	859
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FORMAT	SOURIAU DRG N° 8D521J77PNL-C		SHEET 2/2