



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- 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 with Souriau contacts and Accessories
- Temperature Range : -65°C to +200°C
- Salt Spray : 2000 hours

Connector dimension	
Dim	Nominal
ØS	41.7 Max
Z'	31.5 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: 8D521M20SA**

A	07-10-2016	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>
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FORMAT	<b>SOURIAU DRG N° 8D521M20SA-C</b>		SHEET 1/2

BASIC SERIES:	8D	5	-	21	M	20	S	A	ORIENTATION : A
SHELL TYPE :	Plug with RFI Shielding								CONTACT TYPE : SOCKET(500 Matings)
CONTACT TYPE :	Standard Crimp Contact								CONTACT LAYOUT : 21-20
SHELL SIZE :	21								
PLATING :	M = Nickel								

Contact Layout



21-20		
Ctc	X	Y
A	2.62	10.03
B	6.1	8.38
C	8.64	5.74
D	8.64	-5.74
E	6.1	-8.38
F	2.62	-10.03
G	-2.62	-10.03
H	-6.1	-8.38
J	-8.64	-5.74
K	-8.64	5.74
L	-6.1	8.38
M	-2.62	10.03
N	0	7.62
P	3.3	6.1
R	5.59	0
S	3.3	-6.1
T	0	-7.62
U	-3.3	-6.1
V	-5.59	0
W	-3.3	6.1

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FORMAT	<b>SOURIAU DRG N° 8D521M20SA-C</b>		SHEET 2/2