



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
- Mass : 38 g ± 10%

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: 8D521M11AB

A	07-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING

BASIC SERIES:	8D	5	-	21	M	11	A	B
SHELL TYPE :	Plug with RFI Shielding							
CONTACT TYPE :	Standard Crimp Contact							
SHELL SIZE :	21							
PLATING :	M = Nickel							
								ORIENTATION : B
								CONTACT TYPE : PIN(500 Matings)
								CONTACT LAYOUT : 21-11

TITLE	Composite Plug 8D series		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT 859
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			SHEET 1/2

4
3
2
1

4 3 2 1

H G F E D C B A

H G F E D C B A

Contact Layout



Contacts (Insert arrangement 21-11)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+121 (3.07)	+332 (8.43)	G	-348 (8.84)	-061 (1.55)
B	+306 (7.77)	+177 (4.50)	H	-306 (7.77)	+177 (4.50)
C	+348 (8.84)	-061 (1.55)	J	-121 (3.07)	+332 (8.43)
D	+227 (5.77)	-270 (6.86)	K	+000 (0.00)	+123 (3.12)
E	+000 (0.00)	-353 (8.97)	L	+000 (0.00)	-115 (2.92)
F	-227 (5.77)	-270 (6.86)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
21	-11	11	12	I	All	MS20055-11

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Designed By:		Date:	CUSTOMER DRAWING
TITLE	Composite Plug 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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