Z'

ØS

VV Thread

Keying Shown as example

LAYOUT 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 with Souriau contacts and Accessories

-Temperature Range   : -65°C to +175°C

-Salt Spray   : 2000 hours

-Mass   : 57.9 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	41.7 Max
Z'	31.5 Max
VV THREAD	M31x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D521J11SN

A	07-10-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Composite Plug 8D series

BASIC SERIES: 8D 5 — 21 J 11 S N

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 21

PLATING   : J =   Olive drab Cadmium

ORIENTATION : N

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 21-11

SCALE

NA

General linear Tolerances: ±--

NPRDS / PROJECT

859

SOURIAU   WWW.SOURIAU.COM

FORMAT

A3

SOURIAU DRG N°

8D521J11SN-C

SHEET

1/2

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

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D521J11SN

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
NA		±--	**859**

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D521J11SN-C	2/2