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   : 31.3 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	32.5 Max
Z'	31.5 Max
VV THREAD	M22x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D515J18BB

A	19-10-2016	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**

BASIC SERIES: 8D 5 - 15 J 18 B B

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 15

PLATING   : J =   Olive drab Cadmium

ORIENTATION : B

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 15-18

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D515J18BB-C	1/2

Contact Layout

Contacts (Insert arrangement 15-18)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+.065 (1.65)	+.252 (6.40)	K	-.195 (4.95)	+.113 (2.87)
B	+.195 (4.95)	+.113 (2.87)	L	-.065 (1.65)	+.252 (6.40)
C	+.260 (6.60)	+.000 (0.00)	M	-.065 (1.65)	+.113 (2.87)
D	+.195 (4.95)	-.113 (2.87)	N	+.065 (1.65)	+.113 (2.87)
E	+.130 (3.30)	-.225 (5.72)	P	+.130 (3.30)	+.000 (0.00)
F	+.000 (0.00)	-.225 (5.72)	R	+.065 (1.65)	-.113 (2.87)
G	-.130 (3.30)	-.225 (5.72)	S	-.065 (1.65)	-.113 (2.87)
H	-.195 (4.95)	-.113 (2.87)	T	-.130 (3.30)	+.000 (0.00)
J	-.260 (6.60)	+.000 (0.00)	U	+.000 (0.00)	+.000 (0.00)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
15	-18	18	20	I	All	MS20052-18

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D515J18BB

A	19-10-2016	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**
NA			

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D515J18BB-C	2/2