



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
- Mass : 19.2 g ± 10%

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

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: 8D515J19PAL

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

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FORMAT	SOURIAU DRG N° 8D515J19PAL-C		SHEET
A3			1/2

BASIC SERIES: 8D 5 - 15 J 19 P A L

SHELL TYPE : Plug with RFI Shielding Delivered W/O Contacts

CONTACT TYPE : Standard Crimp Contact ORIENTATION : A

SHELL SIZE : 15 CONTACT TYPE : PIN(500 Matings)

PLATING : J = Olive drab Cadmium CONTACT LAYOUT : 15-19

Contact Layout



Contacts (Insert arrangement 15-19)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+000 (0.00)	+225 (5.72)	L	-195 (4.95)	+113 (2.87)
B	+130 (3.30)	+225 (5.72)	M	-130 (3.30)	+225 (5.72)
C	-195 (4.95)	+113 (2.87)	N	-005 (1.05)	+113 (2.87)
D	+260 (6.60)	+000 (0.00)	P	+065 (1.65)	+113 (2.87)
E	+195 (4.95)	-113 (2.87)	R	+130 (3.30)	+000 (0.00)
F	+130 (3.30)	-225 (5.72)	S	+065 (1.65)	-113 (2.87)
G	+000 (0.00)	-225 (5.72)	T	-065 (1.65)	-113 (2.87)
H	-130 (3.30)	-225 (5.72)	U	-130 (3.30)	+000 (0.00)
J	-195 (4.95)	-113 (2.87)	V	+000 (0.00)	+000 (0.00)
K	-260 (6.60)	+000 (0.00)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
15	-19	19	20	I	All	MS20052-19

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