

H G F E D C B A



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Composite
- Shell Plating : Without Plating
- 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 : 22.4 g ± 10%

Connector dimension	
Dim	Nominal
ØS	32.5 Max
Z	31 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: 8D515X18PA

A	19-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE		Composite Plug 8D series	
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	SOURIAU DRG N° 8D515X18PA-C		SHEET 1/2

BASIC SERIES:	8D	5	-	15	X	18	P	A	ORIENTATION : A
SHELL TYPE :	Plug with RFI Shielding								CONTACT TYPE : PIN(500 Matings)
CONTACT TYPE :	Standard Crimp Contact								CONTACT LAYOUT : 15-18
SHELL SIZE :	15								
PLATING :	X = Without Plating								

4
3
2
1

4
3
2
1

2

2

1

1

H G F E D C B A

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

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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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FORMAT	SOURIAU DRG N° 8D515X18PA-C		SHEET 2/2