



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- 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 : 48 hours
- Mass : 37.77 g ± 10%

Connector dimension	
Dim	Nominal
ØS	38.5 Max
Z	31 Max
VV THREAD	M28x1-6g

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: 8D519F11AE

A	18-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING

BASIC SERIES:	8D	5	-	19	F	11	A	E
SHELL TYPE :	Plug with RFI Shielding							
CONTACT TYPE :	Standard Crimp Contact							
SHELL SIZE :	19							
PLATING :	F = Nickel							
					ORIENTATION : E			
					CONTACT TYPE : PIN(500 Matings)			
					CONTACT LAYOUT : 19-11			

TITLE	Aluminium Plug 8D series		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	A3		SOURIAU DRG N° 8D519F11AE-C
			SHEET 1/2

Contact Layout



Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+105 (2.67)	+260 (6.60)	G	-275 (6.99)	-053 (1.35)
B	+250 (6.35)	+132 (3.35)	H	-250 (6.35)	+132 (3.35)
C	+275 (6.99)	-053 (1.35)	J	-105 (2.67)	+260 (6.60)
D	+179 (4.55)	-215 (5.46)	K	+000 (0.00)	+105 (2.67)
E	+000 (0.00)	-281 (7.14)	L	+000 (0.00)	-092 (2.34)
F	-179 (4.55)	-215 (5.46)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
19	-11	11	16	II	All	MS20054-11

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