

H G F E D C B A

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LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- 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 : 500 hours

Connector dimension	
Dim	Nominal
F	30.15 Max
Z	31.5 Max
VV THREAD	M25x1-6g

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: 8D117W99BA

A	23-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE	Aluminium Inline plug 8D series		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	SOURIAU DRG N° 8D117W99BA-C		SHEET 1/2

BASIC SERIES:	8D	1	-	17	W	99	B	A	
SHELL TYPE :	In line Receptacle								
CONTACT TYPE :	Standard Crimp Contact								
SHELL SIZE :	17								
PLATING :	W = Olive drab Cadmium								
					ORIENTATION : A		CONTACT TYPE : SOCKET(500 Matings)		
					CONTACT LAYOUT : 17-99				

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Contact Layout



Contacts (Insert arrangement 17-99)					
Contact position ID	Contact location		Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	.000 (0.00)	+321 (8.15)	N	-305 (7.75)	+099 (2.51)
B	+131 (3.33)	+293 (7.44)	P	-239 (6.07)	+214 (5.44)
C	+239 (6.07)	+214 (5.44)	R	-131 (3.33)	+293 (7.44)
D	-305 (7.75)	-099 (2.51)	e	070 (1.78)	-177 (4.50)
E	+319 (8.10)	-034 (0.86)	T	+070 (1.78)	+177 (4.50)
F	+278 (7.06)	-161 (4.09)	U	+175 (4.45)	+094 (2.39)
G	+189 (4.80)	-260 (6.60)	V	+150 (3.81)	-075 (1.91)
H	+067 (1.70)	-314 (7.98)	W	+000 (0.00)	-161 (4.09)
J	-067 (1.70)	-314 (7.98)	X	-150 (3.81)	-075 (1.91)
K	-189 (4.80)	-260 (6.60)	Y	-175 (4.45)	+094 (2.39)
L	-278 (7.06)	-161 (4.09)	Z	+000 (0.00)	+025 (0.64)
M	-319 (8.10)	-034 (0.86)			

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact position ID	Supersedes
17	-99	2	16	I	W, Z	MS20053-99
		21	20		All others	

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Designed By:		Date:	CUSTOMER DRAWING
TITLE	Aluminium Inline plug 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D117W99BA-C		SHEET 2/2