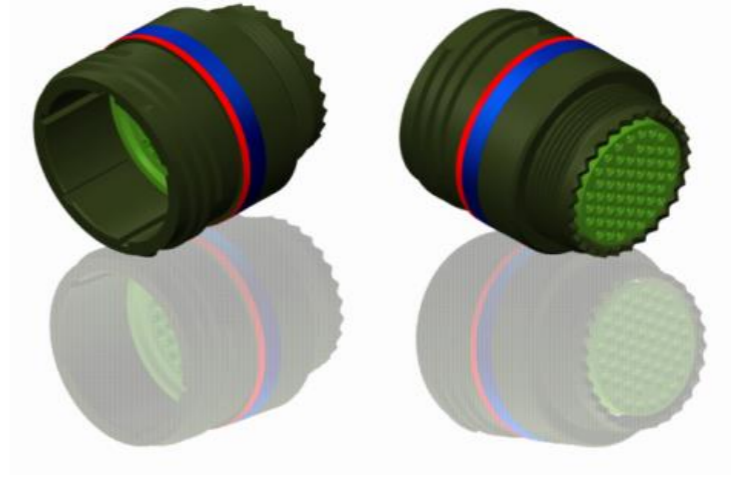


H G F E D C B A

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4



LAYOUT SHOWN AS EXAMPLE

3

3

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: 8D117W35AA

A	23-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: \_\_\_\_\_ Date: \_\_\_\_\_ **CUSTOMER DRAWING**

TITLE	Aluminium Inline plug 8D series		
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SCALE		General linear Tolerances: ±--	NPRDS / PROJECT
NA			<b>859</b>

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FORMAT	<b>SOURIAU DRG N° 8D117W35AA-C</b>		SHEET
<b>A3</b>			<b>1/2</b>

BASIC SERIES:	8D	1	-	17	W	35	A	A	ORIENTATION : A
SHELL TYPE :	In line Receptacle								
CONTACT TYPE :	Standard Crimp Contact								
SHELL SIZE :	17								
PLATING :	W = Olive drab Cadmium								
	CONTACT TYPE : PIN(500 Matings)								
	CONTACT LAYOUT : 17-35								

2

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H G F E D C B A

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2  
1

**Contact Layout**



Contacts (Insert arrangement 17-35)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
1	-312 (7.92)	+086 (2.18)	29	.000 (0.00)	-.094 (2.39)
2	-312 (7.92)	-.004 (0.10)	30	.000 (0.00)	-.184 (4.67)
3	-312 (7.92)	-.094 (2.39)	31	.000 (0.00)	-.274 (6.90)
4	-.242 (6.15)	+221 (5.61)	32	+089 (2.26)	+316 (8.03)
5	-.234 (5.94)	+131 (3.33)	33	+078 (1.98)	+221 (5.61)
6	-.234 (5.94)	+041 (1.04)	34	+078 (1.98)	+131 (3.33)
7	-.234 (5.94)	-.049 (1.24)	35	+078 (1.98)	+041 (1.04)
8	-.234 (5.94)	-.139 (3.53)	36	+078 (1.98)	-.049 (1.24)
9	-.234 (5.94)	-.229 (5.82)	37	+078 (1.98)	-.139 (3.53)
10	-.172 (4.37)	+279 (7.09)	38	+078 (1.98)	-.229 (5.82)
11	-.156 (3.96)	+176 (4.47)	39	+078 (1.98)	-.319 (8.10)
12	-.156 (3.96)	+086 (2.18)	40	+172 (4.37)	+279 (7.09)
13	-.156 (3.96)	-.004 (0.10)	41	+156 (3.96)	+176 (4.47)
14	-.156 (3.96)	-.094 (2.39)	42	+156 (3.96)	+086 (2.18)
15	-.156 (3.96)	-.184 (4.67)	43	+156 (3.96)	-.004 (0.10)
16	-.156 (3.96)	-.274 (6.96)	44	+156 (3.96)	-.094 (2.39)
17	-.089 (2.26)	+316 (8.03)	45	+156 (3.96)	-.184 (4.67)
18	-.078 (1.98)	+221 (5.61)	46	+156 (3.96)	-.274 (6.96)

Contacts (Insert arrangement 17-35)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
19	-.078 (1.98)	+131 (3.33)	47	+242 (6.15)	+221 (5.61)
20	-.078 (1.98)	+041 (1.04)	48	+234 (5.94)	+131 (3.33)
21	-.078 (1.98)	-.049 (1.24)	49	+234 (5.94)	+041 (1.04)
22	-.078 (1.98)	-.139 (3.53)	50	+234 (5.94)	-.049 (1.24)
23	-.078 (1.98)	-.229 (5.82)	51	+234 (5.94)	-.139 (3.53)
24	-.078 (1.98)	-.319 (8.10)	52	+234 (5.94)	-.229 (5.82)
25	.000 (0.00)	+329 (8.36)	53	+312 (7.92)	+086 (2.18)
26	.000 (0.00)	+176 (4.47)	54	+312 (7.92)	-.004 (0.10)
27	.000 (0.00)	+086 (2.18)	55	+312 (7.92)	-.094 (2.39)
28	.000 (0.00)	-.004 (0.10)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
17	-35	55	22D	M	All	MS27529-35

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Country	Jurisdiction & Control List
FR	Not Listed

**PN: 8D117W35AA**

A	23-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	<b>Aluminium Inline plug 8D series</b>		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	<b>859</b>
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FORMAT	<b>SOURIAU DRG N° 8D117W35AA-C</b>		SHEET 2/2