

H G F E D C B A

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2
1

4
3
2
1



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	35 Max
Z	31.5 Max
VV THREAD	M31x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D121W75SA

A	24-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

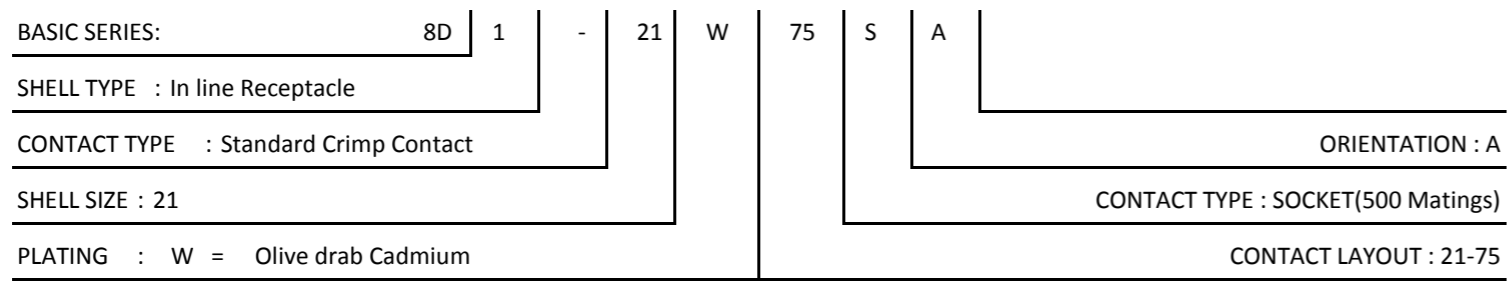
Designed By: _____ Date: _____ **CUSTOMER DRAWING**

TITLE Aluminium Inline plug 8D series

SCALE NA General linear Tolerances: ±-- NPRDS / PROJECT **859**

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FORMAT **A3** **SOURIAU DRG N° 8D121W75SA-C** SHEET 1/2



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Contact Layout



(Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 21-76.)

Contacts (Insert arrangement 21-75)		
Contact position ID	Location	
	X axis	Y axis
A	+180 (4.57)	+180 (4.57)
B	+180 (4.57)	-180 (4.57)
C	-180 (4.57)	-180 (4.57)
D	-180 (4.57)	+180 (4.57)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Standard contact	
						Pin	Socket
21	-75	4	8 (see note)	Twinax	All	M39029/90-529	M39029/91-530

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