



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

Connector dimension	
Dim	Nominal
F	38.1 Max
Z	31.5 Max
VV THREAD	M34x1-6g

**CHARACTERISTICS**

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : Black Zinc 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 +175°C
- Salt Spray : 500 hours

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

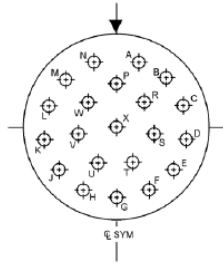
**PN: 8D123Z21PN**

A	27-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>		Aluminium Inline plug 8D series	
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
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FORMAT	<b>SOURIAU DRG N° 8D123Z21PN-C</b>		SHEET 1/2

BASIC SERIES:	8D	1	-	23	Z	21	P	N	ORIENTATION : N
SHELL TYPE	: In line Receptacle								
CONTACT TYPE	: Standard Crimp Contact				CONTACT TYPE : PIN(500 Matings)				
SHELL SIZE	: 23				CONTACT LAYOUT : 23-21				
PLATING	: Z = Black Zinc Nickel								

4  
3  
2  
1

**Contact Layout**



Contacts (Insert arrangement 23-21)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+128 (3.25)	+385 (9.78)	M	-289 (7.34)	+285 (7.24)
B	+289 (7.34)	+285 (7.24)	N	-128 (3.25)	+385 (9.78)
C	+386 (9.80)	+123 (3.12)	P	+000 (0.00)	+245 (6.22)
D	+400 (10.16)	-065 (1.65)	R	+160 (4.06)	+146 (3.71)
E	+328 (8.33)	-239 (6.07)	S	+214 (5.44)	-035 (0.89)
F	+183 (4.65)	-362 (9.19)	T	+094 (2.39)	-194 (4.93)
G	+000 (0.00)	-406 (10.31)	U	-094 (2.39)	-194 (4.93)
H	-183 (4.65)	-362 (9.19)	V	-214 (5.44)	-035 (0.89)
J	-328 (8.33)	-239 (6.07)	W	-160 (4.06)	+146 (3.71)
K	-400 (10.16)	-065 (1.65)	X	+000 (0.00)	+000 (0.00)
L	-386 (9.80)	+123 (3.12)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
23	-21	21	16	II	All	MS20056-21

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