



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 without Souriau contacts
- Temperature Range : -65°C to +175°C
- Salt Spray : 500 hours

Connector dimension	
Dim	Nominal
ØS	44.9 Max
Z	31 Max
VV THREAD	M34x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D523W32SAL

A	07-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING

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

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FORMAT	SOURIAU DRG N° 8D523W32SAL-C	SHEET
A3		1/2

BASIC SERIES:	8D	5	-	23	W	32	S	A	L	Delivered W/O Contacts
SHELL TYPE :	Plug with RFI Shielding					ORIENTATION : A				
CONTACT TYPE :	Standard Crimp Contact					CONTACT TYPE : SOCKET(500 Matings)				
SHELL SIZE :	23					CONTACT LAYOUT : 23-32				
PLATING :	W = Olive drab Cadmium									

4
3
2
1

Contact Layout



Contacts (Insert arrangement 23-32)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+100 (2.54)	+450 (11.43)	T	+325 (8.26)	+025 (0.64)
B	+325 (8.26)	+325 (8.26)	U	+300 (7.62)	-125 (3.18)
C	+425 (10.80)	+150 (3.81)	V	+200 (5.08)	-250 (6.35)
D	+450 (11.43)	-075 (1.91)	W	+000 (0.00)	-300 (7.62)
E	-375 (9.53)	-275 (6.99)	X	-200 (5.08)	-260 (6.35)
F	+200 (5.08)	-400 (10.16)	Y	-300 (7.62)	-125 (3.18)
G	+000 (0.00)	-450 (11.43)	Z	-325 (8.26)	+025 (0.64)
H	-200 (5.08)	-400 (10.16)	a	-250 (6.35)	+175 (4.45)
J	-375 (9.53)	-275 (6.99)	b	-150 (3.81)	+300 (7.62)
K	-450 (11.43)	-075 (1.91)	c	+100 (2.54)	+150 (3.81)
L	-425 (10.80)	+150 (3.81)	d	+150 (3.81)	+000 (0.00)
M	-325 (8.26)	+325 (8.26)	e	+075 (1.91)	-150 (3.81)
N	-100 (2.54)	+450 (11.43)	f	-075 (1.91)	-150 (3.81)
P	+000 (0.00)	+325 (8.26)	g	-150 (3.81)	+000 (0.00)
R	+150 (3.81)	+300 (7.62)	h	-100 (2.54)	+150 (3.81)
S	+250 (6.35)	+175 (4.45)	j	+000 (0.00)	+000 (0.00)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
23	-32	32	20	I	All	MS20056-32

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Designed By:		Date:	CUSTOMER DRAWING
TITLE	Aluminium Plug 8D series		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
NA			
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FORMAT	SOURIAU DRG N° 8D523W32SAL-C		SHEET 2/2

H G F E D C B A