



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

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

Connector dimension	
Dim	Nominal
A	55.6±0.3
B	39.67+0.1/-0.15
R	32.5Max
S	52.4±0.4
W	3+0.9/-0.1
VV THREAD	M34x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D723Z32SCL

A	01-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	CUSTOMER DRAWING
TITLE	Aluminium Receptacle 8D series		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT	A3		SOURIAU DRG N° 8D723Z32SCL-C
			SHEET 1/2

BASIC SERIES: 8D 7 - 23 Z 32 S C L
 SHELL TYPE : Jam nut Receptacle
 CONTACT TYPE : Standard Crimp Contact
 SHELL SIZE : 23
 PLATING : Z = Black Zinc Nickel

Delivered W/O Contacts
 ORIENTATION : C
 CONTACT TYPE : SOCKET(500 Matings)
 CONTACT LAYOUT : 23-32

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

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



Dim	Nominal
B	40.26+0/-0.25
ØC	41.53+0.25/-0

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Designed By:		Date:	CUSTOMER DRAWING
TITLE	Aluminium Receptacle 8D series		
SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D723Z32SCL-C		SHEET 2/2