



LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material : Aluminium
- Shell Plating : 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 +200°C
- Salt Spray : 48 hours
- Mass : 40.48 g ± 10%

Connector dimension	
Dim	Nominal
A	44.5±0.3
B	30.15+0.1/-0.15
R	32.5Max
S	41.3±0.4
W	2.2+0.9/-0.1
VV THREAD	M25x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D717F08SDL

A	30-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
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° 8D717F08SDL-C		SHEET
A3			1/2

BASIC SERIES:	8D	7	-	17	F	08	S	D	L	Delivered W/O Contacts
SHELL TYPE	: Jam nut Receptacle									ORIENTATION : D
CONTACT TYPE	: Standard Crimp Contact									CONTACT TYPE : SOCKET(500 Matings)
SHELL SIZE	: 17									CONTACT LAYOUT : 17-08
PLATING	: F = Nickel									

Contact Layout



Contacts (Insert arrangement 17-8)		
Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)
A	+000 (0.00)	+236 (5.99)
B	+128 (3.25)	+086 (2.18)
C	+230 (5.84)	-078 (1.98)
D	+094 (2.39)	-216 (5.49)
E	-094 (2.39)	-216 (5.49)
F	-230 (5.84)	-078 (1.98)
G	-128 (3.25)	+086 (2.18)
H	+000 (0.00)	-052 (1.32)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
17	-8	8	16	II	All	MS20053-8

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



Dim	Nominal
B	30.73+0/-0.25
ØC	32.01+0.25/-0

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TITLE	Aluminium Receptacle 8D series		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT 859
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FORMAT A3	SOURIAU DRG N° 8D717F08SDL-C		SHEET 2/2