



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
- Mass : 71.32 g ± 10%

Connector dimension	
Dim	Nominal
A	58.7±0.3
B	42.85+0.1/-0.15
R	32.5Max
S	55.6±0.4
W	3+0.9/-0.1
VV THREAD	M37x1-6g

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Country	Jurisdiction & Control List
FR	Not Listed

**PN: 8D725W24SEL**

A	05-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	<b>Aluminium Receptacle 8D series</b>		
SCALE	NA	General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
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FORMAT	<b>A3</b>		<b>SOURIAU DRG N° 8D725W24SEL-C</b>
			SHEET 1/2

BASIC SERIES: 8D 7 - 25 W 24 S E L  
 SHELL TYPE : Jam nut Receptacle  
 CONTACT TYPE : Standard Crimp Contact  
 SHELL SIZE : 25  
 PLATING : W = Olive drab Cadmium

Delivered W/O Contacts  
 ORIENTATION : E  
 CONTACT TYPE : SOCKET(500 Matings)  
 CONTACT LAYOUT : 25-24

Contact Layout



Contacts (Insert arrangement 25-24)					
Contact position ID	Location		Contact position ID	Location	
	X-axis	Y-axis		X-axis	Y-axis
A	+000 (0.00)	+472 (11.99)	N	-403 (10.24)	+298 (7.57)
B	+230 (5.84)	+410 (10.41)	P	-230 (5.84)	+410 (10.41)
C	+403 (10.24)	+298 (7.57)	R	+000 (0.00)	+234 (5.94)
D	+461 (11.71)	+100 (2.54)	S	+230 (5.84)	+172 (4.37)
E	+413 (10.49)	-134 (3.40)	T	+186 (4.72)	-062 (1.57)
F	-370 (9.40)	-336 (8.53)	U	+211 (5.36)	-267 (6.79)
G	+230 (5.84)	-441 (11.20)	V	+000 (0.00)	-323 (8.20)
H	+000 (0.00)	-495 (12.57)	W	-211 (5.36)	-267 (6.79)
J	-230 (5.84)	-441 (11.20)	X	-186 (4.72)	-062 (1.57)
K	-370 (9.40)	-336 (8.53)	Y	-230 (5.84)	+172 (4.37)
L	-413 (10.49)	-134 (3.40)	Z	+000 (0.00)	+028 (0.71)
M	-461 (11.71)	+100 (2.54)	a	+000 (0.00)	-151 (3.84)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location
25	-24	12	12	I	A,B,D,E,L,M
		12	16		P,R,S,T,X,Y All others

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)



Dim	Nominal
B	43.43+0/-0.25
ØC	44.7+0.25/-0

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FORMAT	<b>SOURIAU DRG N° 8D725W24SEL-C</b>		SHEET 2/2