R
22.6 Max
W
B On flat
VV Thread

S
Ø A

Keying Shown as example

LAYOUT 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**
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

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: 8D725W41SBL

A	05-10-2016	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°
8D725W41SBL-C

SHEET: 1/2

BASIC SERIES: 8D 7 - 25 W 41 S B L

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 25

PLATING : W = Olive drab Cadmium

Delivered W/O Contacts

ORIENTATION : B

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 25-41

Contact Layout

41
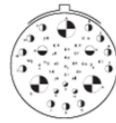
22#22D, 3#20
11#16, 2#12
3#8 Triax

25-41					
Ctc	X	Y	Ctc	X	Y
A	0	10.79	Y	-5.37	7.92
B	7.09	11.34	Z	3.32	5.72
C	10.77	7.92	a	7.96	-0.42
D	12.94	3.39	b	0	-6.6
E	13.27	-1.62	c	-7.96	-0.42
F	8.17	-6.44	d	-3.32	5.72
G	4.67	-12.53	e	0	4.48
H	0	-13.37	f	3.02	3.07
J	-4.67	-12.53	g	5.32	0.005
K	-8.17	-6.44	h	3.7	-2.43
L	-13.27	-1.62	i	2.38	-4.74
M	-12.94	3.39	j	-2.38	-4.74
N	-10.77	7.92	k	-3.7	-2.43
P	-7.09	11.34	m	-5.32	0.005
R	5.37	7.92	n	-3.02	3.07
S	7.32	3.91	p	0	1.81
T	10.39	0.67	q	2.59	-0.01
U	1.77	-9.66	r	0	-3.53
V	-1.77	-9.66	s	-2.59	-0.01
W	-10.39	0.67	t	0	-0.86
X	-7.32	3.91			

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)
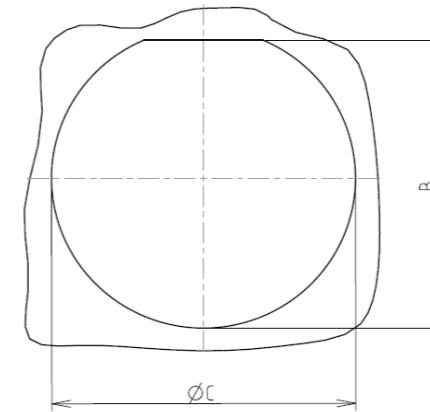
Dim	Nominal
B	43.43+0/-0.25
ØC	44.7+0.25/-0

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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°	SHEET
A3	8D725W41SBL-C	2/2