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 with Souriau contacts and Accessories

-Temperature Range : -65°C to +175°C

-Salt Spray   : 500 hours

-Mass   : 95.81 g ± 10%

Keying Shown as example

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

LAYOUT SHOWN AS EXAMPLE

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D725W29SB

A	05-10-2016	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 **859**
NA			

BASIC SERIES: 8D   7   -   25   W   29   S   B

SHELL TYPE   : Jam nut Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 25

PLATING   :   W =   Olive drab Cadmium

ORIENTATION : B

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 25-29

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FORMAT **A3**	SOURIAU DRG N° 8D725W29SB-C	SHEET 1/2

Contact Layout

Contacts (Insert arrangement 25-29)

Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
A	+.000 (0.00)	+.481 (12.22)	S	-.091 (2.31)	+.321 (8.15)
B	+.258 (6.55)	+.406 (10.31)	T	+.091 (2.31)	+.321 (8.15)
C	+.395 (10.03)	+.277 (7.04)	U	+.228 (5.79)	+.194 (4.93)
D	+.469 (11.91)	+.109 (2.77)	V	+.319 (8.10)	+.000 (0.00)
E	+.469 (11.91)	-.109 (2.77)	W	-.240 (6.10)	.191 (4.60)
F	+.395 (10.03)	-.277 (7.04)	X	+.091 (2.31)	-.290 (7.37)
G	+.263 (6.68)	-.406 (10.31)	Y	-.091 (2.31)	-.290 (7.37)
H	+.091 (2.31)	-.472 (11.99)	Z	-.240 (6.10)	-.181 (4.60)
J	-.091 (2.31)	-.472 (11.99)	a	-.319 (8.10)	+.000 (0.00)
K	-.263 (6.68)	-.406 (10.31)	b	-.228 (5.79)	+.194 (4.93)
L	-.395 (10.03)	-.277 (7.04)	c	+.000 (0.00)	+.161 (4.09)
M	-.469 (11.91)	-.109 (2.77)	d	+.134 (3.40)	+.000 (0.00)
N	-.469 (11.91)	+.109 (2.77)	e	+.000 (0.00)	-.130 (3.30)
P	-.395 (10.03)	+.277 (7.04)	f	-.134 (3.40)	+.000 (0.00)
R	-.258 (6.55)	+.406 (10.31)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
25	-29	29	16	I	All	MS20057-29

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)

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

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: 8D725W29SB

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° 8D725W29SB-C | SHEET 2/2 |