R
22.6 Max
W
B On flat
VV Thread
S
ØA

Keying Shown as example

LAYOUT 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 with Souriau contacts and Accessories

-Temperature Range   : -65°C to +200°C

-Salt Spray   : 48 hours

-Mass   : 99.88 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

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D725F24SA

A	03-10-2016	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
NA		±--	**859**

SOURIAU   WWW.SOURIAU.COM

FORMAT	SOURIAU DRG N°	SHEET
A3	8D725F24SA-C	1/2

BASIC SERIES: 8D 7 - 25 F 24 S A

SHELL TYPE   : Jam nut Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 25

PLATING   :   F =   Nickel

ORIENTATION : A

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 25-24

Contact Layout

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)

Contacts (Insert arrangement 25-24)

Contact position ID	Location X-axis	Location Y-axis	Contact position ID	Location X-axis	Location 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 (0.53)	U	-.211 (5.36)	-.267 (0.70)
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 (6.78)
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,LM P,R,S,T,X,Y
		12	16		All others

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: 8D725F24SA

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Designed By: Date: **CUSTOMER DRAWING**

TITLE — Aluminium Receptacle 8D series

SCALE		General linear Tolerances: ±--	NPRDS / PROJECT **859**
NA			

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D725F24SA-C	2/2