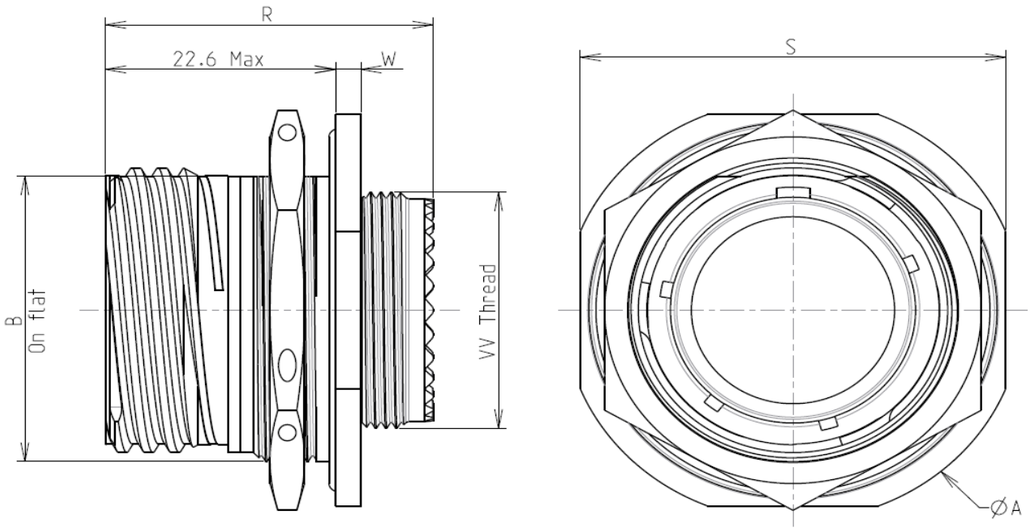

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III
-Shell Material : Aluminium
-Shell Plating : Black Zinc 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 +175°C
-Salt Spray : 500 hours
-Mass : 97.56 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

BASIC SERIES:	8D	7	-	25	Z	43	S	C

SHELL TYPE : Jam nut Receptacle
CONTACT TYPE : Standard Crimp Contact
SHELL SIZE : 25
PLATING : Z = Black Zinc Nickel
ORIENTATION : C
CONTACT TYPE : SOCKET(500 Matings)
CONTACT LAYOUT : 25-43

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: 8D725Z43SC

ISS	DATE	Latest modification - by	MOD N°
A	05-10-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE Aluminium Receptacle 8D series

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

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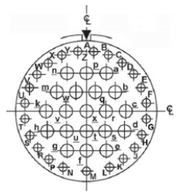
FORMAT A3 | SOURIAU DRG N° 8D725Z43SC-C | SHEET 1/2

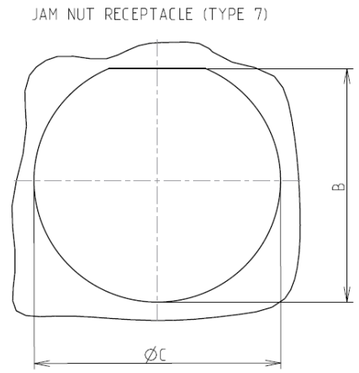
Contact Layout



Contacts (Insert arrangement 25-43)					
Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
A	+.069 (1.75)	+.531 (13.49)	Z	-.069 (1.75)	+.531 (13.49)
B	+.203 (5.16)	+.495 (12.57)	a	+.172 (4.37)	+.344 (8.74)
C	+.324 (8.23)	+.425 (10.80)	b	+.258 (6.55)	+.172 (4.37)
D	+.424 (10.77)	+.326 (8.28)	c	+.344 (8.74)	+.000 (0.00)
E	+.493 (12.52)	+.205 (5.21)	d	+.344 (8.74)	-.172 (4.37)
F	+.531 (13.49)	+.069 (1.75)	e	+.172 (4.37)	-.344 (8.74)
G	+.531 (13.49)	-.069 (1.75)	f	+.000 (0.00)	-.344 (8.74)
H	+.493 (12.52)	-.205 (5.21)	g	-.172 (4.37)	-.344 (8.74)
J	+.424 (10.77)	-.326 (8.28)	h	-.344 (8.74)	-.172 (4.37)
K	+.324 (8.23)	-.425 (10.80)	k	-.344 (8.74)	+.000 (0.00)
L	+.203 (5.16)	-.495 (12.57)	m	-.258 (6.55)	+.172 (4.37)
M	+.000 (0.00)	-.531 (13.49)	n	-.172 (4.37)	+.344 (8.74)
N	-.203 (5.16)	-.495 (12.57)	p	+.000 (0.00)	+.344 (8.74)
P	-.324 (8.23)	-.425 (10.80)	q	+.086 (2.18)	+.172 (4.37)
R	-.424 (10.77)	-.326 (8.28)	r	+.172 (4.37)	+.000 (0.00)
S	-.493 (12.52)	-.205 (5.21)	s	+.172 (4.37)	-.172 (4.37)
T	-.531 (13.49)	-.069 (1.75)	t	+.000 (0.00)	-.172 (4.37)
U	-.531 (13.49)	+.069 (1.75)	u	-.172 (4.37)	-.172 (4.37)
V	-.493 (12.52)	+.205 (5.21)	v	-.172 (4.37)	+.000 (0.00)
W	-.424 (10.77)	+.326 (8.28)	w	-.086 (2.18)	+.172 (4.37)
X	-.324 (8.23)	+.425 (10.80)	x	+.000 (0.00)	+.000 (0.00)
Y	-.203 (5.16)	+.495 (12.57)			

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
25	-43	20	16	I	a,b,c,d,e,f,g,h,k,m, n,p,q,r,s,t,u,v,w,x	MS20057-43
		23	20		All others	

Panel cutout



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

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