Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

- Standard : Based on MIL-DTL-38999 Series III
- Shell Material   : Stainless Steel
- Shell Plating   : Passivated
- 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 +200°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

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D725K90SDL

A	04-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Stainless Steel Receptacle 8D series

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

SOURIAU   WWW.SOURIAU.COM

FORMAT	SOURIAU DRG N°	SHEET
A3	8D725K90SDL-C	1/2

BASIC SERIES: 8D 7 - 25 K 90 S D L

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 25

PLATING   :   K =   Passivated

Delivered W/O Contacts

ORIENTATION : D

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 25-90

Contact Layout

(Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 25-91.)

Contacts
(Insert arrangement 25-90)

Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
A	+.065 (1.65)	+.533 (13.54)	a	+.404 (10.26)	+.125 (3.18)
B	+.275 (6.99)	+.466 (11.84)	b	+.437 (11.10)	+.000 (0.00)
C	+.420 (10.67)	+.337 (8.56)	c	+.404 (10.26)	-.125 (3.18)
D	+.490 (12.45)	+.227 (5.77)	d	+.314 (7.98)	-.221 (5.61)
E	+.531 (13.49)	+.093 (2.36)	e	+.245 (6.22)	-.337 (8.56)
F	+.531 (13.49)	-.093 (2.36)	f	+.136 (3.45)	-.424 (10.77)
G	+.490 (12.45)	-.227 (5.77)	g	+.000 (0.00)	-.395 (10.03)
H	+.420 (10.67)	-.337 (8.56)	h	-.136 (3.45)	-.424 (10.77)
J	+.275 (6.99)	-.466 (11.84)	k	-.245 (6.22)	-.337 (8.56)
K	+.065 (1.65)	-.533 (13.54)	m	-.314 (7.98)	-.221 (5.61)
L	-.065 (1.65)	-.533 (13.54)	n	-.404 (10.26)	-.125 (3.18)
M	-.275 (6.99)	-.466 (11.84)	p	-.437 (11.10)	+.000 (0.00)
N	-.420 (10.67)	-.337 (8.56)	q	-.404 (10.26)	+.125 (3.18)
P	-.490 (12.45)	-.227 (5.77)	r	-.314 (7.98)	+.221 (5.61)
R	-.531 (13.49)	-.093 (2.36)	s	-.245 (6.22)	+.337 (8.56)
S	-.531 (13.49)	+.093 (2.36)	t	-.136 (3.45)	+.424 (10.77)
T	-.490 (12.45)	+.227 (5.77)	u	+.000 (0.00)	+.395 (10.03)
U	-.420 (10.67)	+.337 (8.56)	v	+.097 (2.46)	+.265 (6.73)
V	-.275 (6.99)	+.466 (11.84)	w	+.180 (4.57)	+.000 (.00)
W	-.065 (1.65)	+.533 (13.54)	x	+.097 (2.46)	-.265 (6.73)
X	+.136 (3.45)	+.424 (10.77)	y	-.097 (2.46)	-.265 (6.73)
Y	+.245 (6.22)	+.337 (8.56)	z	-.180 (4.57)	+.000 (0.00)
Z	+.314 (7.98)	+.221 (5.61)	AA	-.097 (2.46)	+.265 (6.73)

Shell size	Arrange-ment no.	Number of contacts	Size contacts	Service rating	Contact location	Standard contact Pin	Standard contact Socket
25	-90	2	8 (see note)	Twinax	W, Z	M39029/90-529	M39029/91-530
		4	16		Y, X, V, AA	M39029/58-364	M39029/56-352
		40	20	I	All others	M39029/58-363	M39029/56-351

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: 8D725K90SDL

ISS	DATE	Latest modification - by	MOD N°
A	04-10-2016	First Release	

Designed By: | Date: | **CUSTOMER DRAWING**

TITLE — Stainless Steel Receptacle 8D series

SCALE: NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

SOURIAU WWW.SOURIAU.COM

FORMAT: A3

SOURIAU DRG N° 8D725K90SDL-C

SHEET: 2/2