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 with Souriau contacts and Accessories

-Temperature Range : -65°C to +200°C

-Salt Spray : 500 hours

Connector dimension	
Dim	**Nominal**
A	52.4±0.3
B	36.5+0.1/-0.15
R	32.5Max
S	49.2±0.4
W	3+0.9/-0.1
VV THREAD	M31x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D721K39PE

A	08-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

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° 8D721K39PE-C

SHEET 1/2

BASIC SERIES: 8D 7 - 21 K 39 P E

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 21

PLATING : K = Passivated

ORIENTATION : E

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 21-39

Contact Layout

Contacts (Insert arrangement 21-39)

Contact position ID	Location X-axis (mm)	Y-axis (mm)	Contact position ID	Location X-axis (mm)	Y-axis (mm)
A	+.065 (1.65)	+.411 (10.44)	X	+.000 (0.00)	+.295 (7.49)
B	+.189 (4.80)	+.371 (9.42)	Y	+.126 (3.20)	+.256 (6.50)
C	+.294 (7.47)	+.294 (7.47)	Z	+.232 (5.89)	+.179 (4.55)
D	+.371 (9.42)	+.189 (4.80)	a	+.280 (7.11)	+.057 (1.45)
E	+.411 (10.44)	+.065 (1.65)	b	+.200 (7.11)	-.074 (1.00)
F	+.411 (10.44)	-.065 (1.65)	c	+.217 (5.51)	-.189 (4.80)
G	+.371 (9.42)	-.189 (4.80)	d	+.112 (2.84)	-.265 (6.73)
H	+.294 (7.47)	-.294 (7.47)	e	-.112 (2.84)	-.265 (6.73)
J	+.189 (4.80)	-.371 (9.42)	f	-.217 (5.51)	-.189 (4.80)
K	+.065 (1.65)	-.411 (10.44)	g	-.280 (7.11)	-.074 (1.88)
L	-.065 (1.65)	-.411 (10.44)	h	-.280 (7.11)	+.057 (1.45)
M	-.189 (4.80)	-.371 (9.42)	i	-.232 (5.89)	+.179 (4.55)
N	-.294 (7.47)	-.294 (7.47)	j	-.126 (3.20)	+.256 (6.50)
P	-.371 (9.42)	-.189 (4.80)	k	+.000 (0.00)	+.164 (4.17)
R	-.411 (10.44)	-.065 (1.65)	m	+.114 (2.90)	+.048 (1.22)

Contacts (Insert arrangement 21-39)

Contact position ID	Location X-axis (mm)	Y-axis (mm)	Contact position ID	Location X-axis (mm)	Y-axis (mm)
S	-.411 (10.44)	+.065 (1.65)	n	+.106 (2.69)	-.107 (2.72)
T	-.371 (9.42)	+.189 (4.80)	p	+.000 (0.00)	-.189 (4.80)
U	-.294 (7.47)	+.294 (7.47)	q	-.106 (2.69)	-.107 (2.72)
V	-.189 (4.80)	+.371 (9.42)	r	-.114 (2.90)	+.048 (1.09)
W	-.065 (1.65)	+.411 (10.44)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
21	-39	2 / 37	16 / 20	I	r m / All others	MS20055-39

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)

Max. thickness panel for receptacle:Type 7: 3.2 mm

Dim	Nominal
B	37.08+0/-0.25
ØC	38.35+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: 8D721K39PE

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D721K39PE-C	2/2