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   : 106.67 g ± 10%

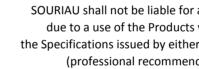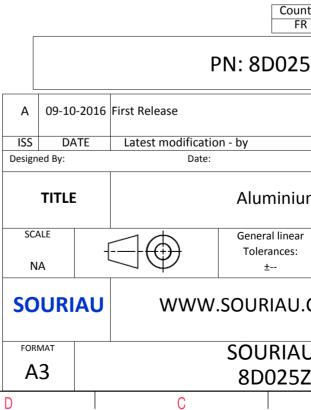| Connector dimension	
Dim	**Nominal**
P	3.91±0.2
PP	6.15±0.2
R1	38.1
R2	34.93
S	46±0.3
V	20.07+0/-1.25
W	2.1/3.2
Z	31.5 Max
VV THREAD	M37x1-6g

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: 8D025Z08BC

ISS	DATE	Latest modification - by		MOD N°
A	09-10-2016	First Release		

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Aluminium Receptacle 8D series

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

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BASIC SERIES:	8D	0	-	25	Z	08	B	C	

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 25

PLATING   : Z =   Black Zinc Nickel

ORIENTATION : C

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 25-08

FORMAT	SOURIAU DRG N°	SHEET
A3	8D025Z08BC-C	1/2

Contact Layout

(Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 25-10.)

Contacts (insert arrangement 25-8)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+.000 (0.00)	+.426 (10.82)
B	+.333 (8.46)	+.266 (6.76)
C	+.415 (10.54)	-.095 (2.41)
D	+.185 (4.70)	-.384 (9.75)
E	-.185 (4.70)	-.384 (9.75)
F	-.415 (10.54)	-.095 (2.41)
G	-.333 (8.46)	+.266 (6.76)
H	+.000 (0.00)	+.000 (0.00)

Shell size	Arrange-ment no.	Number of contacts	Size contacts	Service rating	Contact location	Standard contact	
						Pin	Socket
25	-8	8	8	Twinax	All	M39029/90-529	M39029/91-530

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING

ØT
ØA

SQUARE FLANGE RECEPTACLE (TYPE 0) FRONT MOUNTING

ØT
ØAA

Dim	Nominal
ØA	42.47 min
ØAA	37.69 min
R1	38.1
ØT	3.81 ±0.13

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TITLE	Aluminium Receptacle 8D series

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

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FORMAT A3	SOURIAU DRG N° 8D025Z08BC-C	SHEET 2/2