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LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

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-Mass

BASIC SERIES:

SHELL SIZE : 25

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SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

PLATING : W = Olive drab Cadmium

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material	: Aluminium		
-Shell Plating	: Olive drab Cadmium		
-Insulator	: Thermoplastic		
-Contacts	: Copper Alloy		
-Seals & Grommet	: Silicon Elastomer		
-Contact Plating	: Gold over copper Alloy $0.8 \mu m$ minimum		
-Durability	: 500 Mating cycles		
-Delivered without Souriau contacts			
-Temperature Range	: -65°C to +175°C		
-Salt Spray	: 500 hours		

: 39.94 g ± 10%

8D 0

G

25

W

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Connector dimension		
Dim	Nominal	
Р	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	

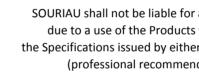
Delivered W/O Contacts

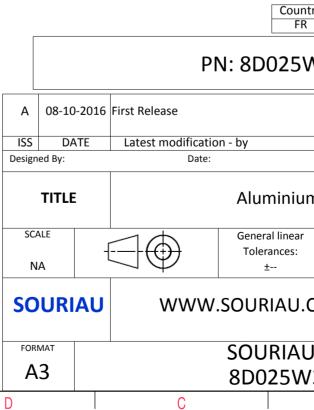
CONTACT LAYOUT : 25-37

CONTACT TYPE : PIN(500 Matings)

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ORIENTATION : E





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S EXAMPLE		3			
	mply with by a third party otice.) liction & Control List				
	Not Listed	2			
SW37PEL					
	CUSTOMER DRAWING	DD N°			
um Receptacle 8D series					
ar	NPRDS / PROJECT 859				
J.COM This document is the property of SOURIAU it must not be reproduced or communicated without permission					
		HEET 1/2			
N37PEL-C B	A	±/			

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		Contact Layout				Ра	inel Cutou
4	X R OP	$\begin{array}{c c} & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & &$			τ Σ	SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING	2
	B +185(470) C +333(846) D +441(1120) E +500(12.70) F +500(12.70)	Contacts (Insert arrangement 25-37)    n  Contact position ID  Location    Y-axis (mm)  Y-axis (mm)  Y-axis (mm)  Y-axis (mm)    +472 (1199)  X  +.242 (6 15)  +.236 (5.99)    +472 (1199)  X  +.326 (8.28)  +.086 (2.18)    +.382 (9.70)  Y  +.326 (8.28) 086 (2.18)   244 (6.32)  Z  +.242 (6.15) 236 (5.99)    +.086 (2.18)  a  +.086 (2.18) 320 (8.13)   086 (2.18)  b 086 (2.18) 320 (8.13)   242 (6.152)  c 242 (6.15) 230 (8.13)   248 (6.32)  c 242 (6.15) 230 (8.13)			¥	ØA ØA	<u>§⊤_</u>
ى	H + +333 (8.46) J +186 (4.72) K +000 (.00) L -186 (4.72) M -333 (8.46) N -441 (11.20) P -500 (12.70) R -500 (12.70) S -441 (11.20) T -333 (8.46) U -186 (4.72)	Interference  C  Interference  Interference    A472 (11.99)  d  -326 (8.28)  -008 (2.18)    -472 (11.99)  f  -242 (8.12)  +008 (2.18)    -472 (11.99)  g  -008 (2.18)  +320 (8.20)    -382 (9.70)  h  +000 (00)  +172 (43.91)    -382 (9.70)  h  +000 (00)  +172 (43.91)    -249 (6.32)  k  +154 (3.91)  -008 (2.18)    -086 (2.18)  m  +154 (3.91)  -008 (2.18)    -249 (6.32)  p  -154 (3.91)  -008 (2.18)    +382 (9.70)  q  -154 (3.91)  -008 (2.18)    +322 (8.13)				Dim ØA ØAA R1 ØT	
	Shell Arrangement Numi size no. cont 25 -37 3	ver of Size Service Contact Supersede acts contacts rating location 7 16 II All	35				
						SOURIAU shall not be liab due to a use of the Pro the Specifications issued by (professional reco	oducts whi y either of mmendati
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