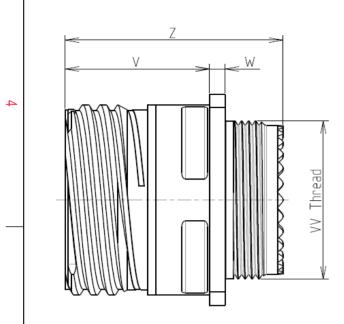
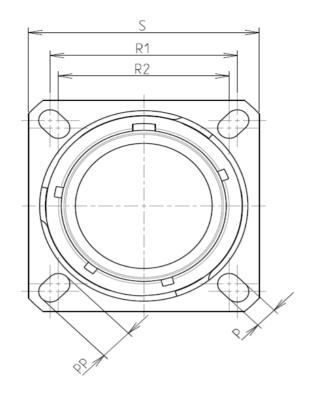
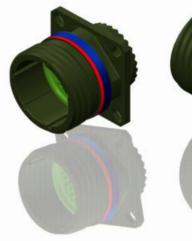
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LAYOUT SHOWN AS

Keying Shown as example

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## CHARACTERISTICS

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

ł	-Shell Material	: Aluminium				
	-Shell Plating	: Olive drab Cadmium				
	-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 +175°C				
	-Salt Spray	: 500 hours				
	-Mass	· 24 17 g + 10%				

Connector dimension				
Dim	Nominal			
Р	3.25±0.2			
PP	4.93±0.2			
R1	26.97			
R2	24.61			
S	33.3±0.3			
V	20.83+0/-1.25			
W	2.1/2.5			
Z	31.5 Max			
VV THREAD	M25x1-6g			

Delivered W/O Contacts

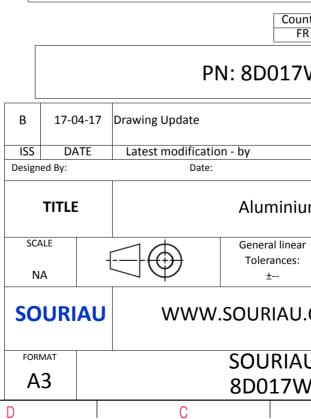
CONTACT LAYOUT : 17-35

CONTACT TYPE : PIN(500 Matings)

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**ORIENTATION : A** 

SOURIAU shall not be liable for a due to a use of the Products the Specifications issued by either (professional recommend



-Mass	: 24.17 g ± 10%					
BASIC SERIES:	80	0	-	17	W	35
SHELL TYPE : Sq	uare Flange Receptacle					
CONTACT TYPE	: Standard Crimp Conta	act				
SHELL SIZE : 17						
PLATING : W	= Olive drab Cadmiu	m				

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AS EXA	AMPLE				3
whic er of t	non-conformit h does not co he Parties or b n, technical n Jurisd	mply with by a third part			2
'W3	35PAL				
				MOD N°	
um	Receptacl	сизтомея e 8D serie			
ar	NPRDS / PROJECT <b>859</b>				
I.CC	COM This document is the property of SOURIAU it must not be reproduced or communicated without permission				
	DRG N°			SHEET	
N3:	5PAL-C		A	1/2	J
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4	-	<b>Contact Layout</b>			A	Par SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING	nel Cuto
	2312 (7.92) 3312 (7.92) 4242 (6.15) 5234 (5.94) 6234 (5.94)	Y-axis (mm)         Contact position ID         X-axis (mm)         Y-axis (mm)           +.086 (2.18)         29         .000 (0.00)        094 (2.39)          004 (0.10)         30         .000 (0.00)        184 (4.67)          094 (2.39)         31         .000 (0.00)        274 (0.96)           +.221 (5.61)         32         +.089 (2.26)         +.316 (8.33)           +.131 (3.33)         33         +.078 (1.98)         +.221 (5.61)			<u>~</u> –	Max. thickness panel for receptacle: Type	
ω	11        156 (3.96)           12        156 (3.96)           13        156 (3.96)           14        156 (3.96)           15        156 (3.96)           16        156 (3.96)           17        089 (2.26)	-0.49 (124)         35         +0.78 (1.98)         +0.41 (1.04)           -139 (3.53)         36         +0.78 (1.98)         -0.49 (1.24)           -229 (5.82)         37         +0.78 (1.98)         -1.39 (3.53)           ±279 (7.09)         38         +0.78 (1.98)         -2.29 (5.82)           ±176 (4.47)         39         +0.78 (1.98)         -2.29 (5.82)           ±176 (4.47)         39         +0.78 (1.98)         -2.29 (5.82)           ±0.78 (1.98)         -3.19 (8.10)         +0.78 (1.98)         -2.29 (5.82)           ±0.76 (1.98)         ±0.78 (1.98)         -2.29 (5.82)         +1.76 (4.47)           ±0.86 (2.18)         40         +1.72 (4.37)         +2.79 (7.09)           ±0.66 (2.18)         40         +1.75 (3.96)         +1.76 (4.47)           ±0.99 (2.2)         +1.56 (3.96)         ±0.86 (2.18)         -0.04 (0.10)           ±14 (4.67)         43         +1.56 (3.96)         -0.04 (4.67)           ±316 (8.03)         45         ±1.56 (3.96)         -0.94 (2.39)           ±21 (5.61)         46         ±1.56 (3.96)         -2.74 (6.96)           Contacts         (Insert arrangement 17.35)         n         Location				Dim ØA ØAA R1 ØT	
	position ID         X-axis (mm)           19        078 (1.98)           20        078 (1.98)           21        078 (1.98)           23        078 (1.98)           23        078 (1.98)           23        078 (1.98)           24        078 (1.98)           25         .000 (0.00)           26         .000 (0.00)           27         .000 (0.00)           28         .000 (0.00)	Y-axis (mm)         Contact position ID         X-axis (mm)         Y-axis (mm)           +.131 (3.33)         47         +.242 (6.15)         +.221 (5.61)           -049 (1/4)         48         +.234 (5.94)         +.131 (3.33)           -049 (1/24)         49         +.234 (5.94)         +.041 (1.04)           -1.39 (3.53)         DU         +.234 (5.94)        049 (1.24)          229 (5.82)         51         +.234 (5.94)        049 (1.24)          319 (8.10)         52         +.234 (5.94)        139 (3.53)          319 (8.10)         52         +.234 (5.94)        139 (3.53)          319 (8.10)         52         +.234 (5.94)        139 (3.53)          319 (8.10)         52         +.234 (5.94)        139 (3.53)          319 (8.10)         52         +.234 (5.94)        139 (3.53)           +.176 (4.47)         54         +.312 (7.92)        004 (0.10)           +.086 (2.18)         55         +.312 (7.92)        004 (0.10)          004 (0.10)              mber of         Size         Service         Contact         Supersede				SOURIAU shall not be liab due to a use of the Pro the Specifications issued by	oducts wł y either o
N	5120 00	ontacts contacts rating location 55 22D M All MS27529-3	35			(professional recor PN: 8D(	Countr FR
					B 17-04-1 ISS DATE Designed By:	Latest modification - by Date:	
_					SCALE NA	Genera Tolera ±	ninium al linear rances: ±
					FORMAT A3	SOU 8D0	
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