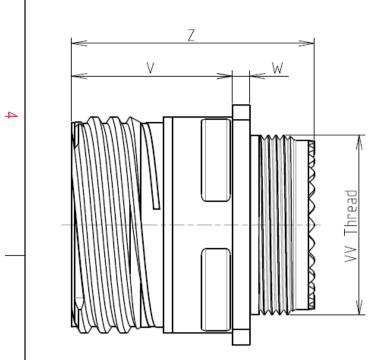
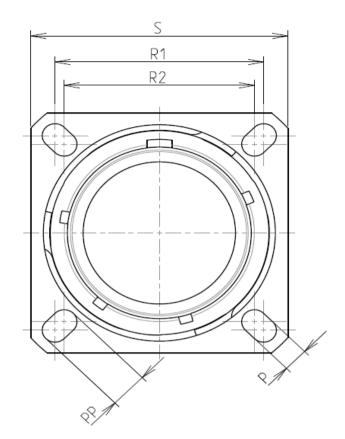
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Keying Shown as example

CHARACTERISTICS

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

/	-Shell Material	: Aluminium			
	-Shell Plating	: Nickel			
	-Insulator	: Thermoplastic			
	-Contacts	: Copper Alloy			
	-Seals & Grommet	: Silicon Elastomer			
2	-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	: 48 hours			
	-Mass	: 64.8 g ± 10%			

8D 0

G

23 F

-

53 B N

F

Connector	Connector dimension			
Dim	Nominal			
Р	3.91±0.2			
PP	6.15±0.2			
R1	34.93			
R2	31.75			
S	42.9±0.3			
V	20.07+0/-1.25			
W	2.1/3.2			
Z	31.5 Max			
VV THREAD	M34x1-6g			

ORIENTATION : N

CONTACT LAYOUT : 23-53

CONTACT TYPE : SOCKET(500 Matings)

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				4		
LAYOUT SHOWN AS EXAMPLE						
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.)						
FR Not Listed PN: 8D023F53BN						
A 22-09-201						
Designed By:						
TITLE	TITLE Aluminium Receptacle 8D series					
SCALE NA		General linearNPRDS / PROJECTTolerances:859±1000000000000000000000000000000000000		1		
SOURIAU This document is the proper SOURIAU it must not be reproduce communicated without period		ced or				
A 2		RIAU DRG N° 023F53BN-C		SHEET 1/2		
D	C	B	A	1		

BASIC SERIES:

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CONTACT TYPE : Standard Crimp Contact

SHELL TYPE : Square Flange Receptacle

SHELL SIZE: 23

PLATING : F = Nickel

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		Contact Layout				SQUARE	FLANGE RECEPTACLE (TYP REAR MOUNTING
4		¹					R1
	B +.225 (5.72) C +.336 (8.53)	Contacts (Insert arrangement 23-53)					
ω	$\begin{array}{c c} E & +.450 (11.43) \\ \hline F & +.450 (11.43) \\ \hline G & +.336 (8.53) \\ \hline H & +.225 (5.72) \\ J &225 (5.72) \\ \hline K &336 (8.53) \\ \hline L &450 (11.43) \\ \hline M &450 (11.43) \\ \hline N &450 (11.43) \\ \hline P &336 (8.53) \\ \hline R &225 (5.72) \\ \hline S &112 (2.84) \\ \hline T & +.000 (0.00) \end{array}$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
	X +.336 (8.53) Y +.336 (8.53) Z +.336 (8.53) <u>a</u> +.225 (5.72) <u>b</u> +.112 (2.84) <u>c</u> +.000 (0.00)	Contacts Contact position ID (mm) Location Y-axis (mm) Contact position ID (mm) X-axis (mm) Y-axis (mm) +195 (4.95) BB +000 (0.00) +130 (3.30) -065 (1.65) DD +112 (2.84) +065 (1.65) -065 (4.95) EE +000 (0.00) -130 (3.30) -260 (6.60) FF -112 (2.84) -065 (1.65) -260 (6.60) FF -112 (2.84) -065 (1.65) -325 (6.20) -335 -112 (2.84) -065 (1.65) -330 (9.91) HH +000 (0.00) +000 (0.00) -325 (8.26)			Γ		SOURIAU shall not
	size no. cont	ber of Size Service Contact Supersede tacts contacts rating location 33 20 I All MS20056-5					due to a use of he Specifications is (profession)
2							PN
					A ISS Desig	22-09-2016 Firs DATE L ned By:	t Release atest modification Date:
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<u> </u>					SC	OURIAU	WWW.S
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