۳ D D T	m		0	Φ	Þ		7
A Z							4
			LAYOUT SHOW				3
Keying Show	n as example						
CHARACTERISTICS	Connector dimension						
-Standard : Based on MIL-DTL-38999 Series III -Shell Material : Aluminium	DimNominalØS44.9 Max						-
-Shell Plating : Olive drab Cadmium	Z 31 Max	SOURIAU shall not be liable for any non-conformity or damage due to a use of the Products which does not comply with					
-Insulator : Thermoplastic	the Creativers issued by either of the Dertice or by a third north.						
-Contacts : Copper Alloy			(professional recomm	endation, technical not	ice.)		
-Seals & Grommet : Silicon Elastomer			[[Country Jurisdic	tion & Control List]]	
► -Contact Plating : Gold over copper Alloy 0.8µm minimum		FR Not Listed 2					
-Durability : 500 Mating cycles							
-Delivered with Souriau contacts and Accessories		PN: 8D523W53BD					
-Temperature Range -65°C to +175°C		A 07-10-2016	First Release				_
-Salt Spray : 500 hours							
		ISS DATE Designed By:	Latest modification - by Date:		CUSTOMER DRAWING	MOD N°	+
		TITLE					
	1	SCALE	General li	near	NPRDS / PROJECT		_
BASIC SERIES: 8D 5 - 23 W 53 B D					859		
SHELL TYPE : Plug with RFI Shielding	L	NA			This document is the pro	perty of	- 1
CONTACT TYPE : Standard Crimp Contact	ORIENTATION : D CONTACT TYPE : SOCKET(500 Matings)	ORIENTATION : D SOURIAU WWW.SOURIAU.COM it must not be reproduced or					
SHELL SIZE : 23				communicated without pe			
PLATING : W = Olive drab Cadmium	CONTACT LAYOUT : 23-53	FORMAT		IAU DRG N°		SHEET	
		A3	8D52	3W53BD-C	1	1/2	
H G F	E	D	C	В	A		

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		Contact Layout				
4		$\begin{array}{c} \begin{array}{c} & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ \end{array} \begin{array}{c} & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\$				
	B + 225 (5.72) C + 336 (8.53) D + 450 (11.43) E + 450 (11.43) F + 450 (11.43) G + 336 (8.53) H + 225 (5.72) J -225 (5.72)	Y-axis (mm) Contact position ID (mm) X-axis (mm) Y-axis (mm) +455 (11.56) g -225 (5.72) -260 (6.60) +390 (9.91) f -336 (8.53) -169 (4.95) +326 (8.26) g -336 (8.53) -065 (1.65) +130 (3.30) h -336 (8.53) +065 (1.65) +000 (0.00) k -336 (8.53) +126 (4.96) -325 (8.26) n -225 (5.72) +226 (6.60) -300 (0.330) m -225 (5.72) +226 (6.60) -325 (8.26) n -112 (2.84) +325 (8.26) -410 (10.41) p +000 (0.00) +226 (6.60) -410 (10.41) q +112 (2.84) +195 (4.95) -326 (8.26) f +225 (5.72) +130 (3.30)				
ω	M - 450 (11.43) N - 450 (11.43) P336 (8.53) R225 (5.72) S112 (2.84) T + .000 (0.00)	+000 (0.00) 1 +225 (5.72) -130 (3.30) +130 (3.30) u +112 (2.84) -195 (4.95) +325 (8.26) y +000 (0.00) -260 (6.60) +330 (9.91) w -112 (2.84) -195 (4.95) +455 (11.56) x -225 (5.72) -130 (3.30) +390 (9.91) y -225 (5.72) +130 (3.30) +326 (8.60) AA -112 (2.84) +195 (4.95) -226 (5.60) AA -112 (2.84) +195 (4.95) Contacts (Insert arrangement 23-53) Don Location				
	position ID X-axis (mm) W +.336 (8.53) X +.336 (8.53) Z +.336 (8.53) Z +.336 (8.53) a +.225 (5.72) b +.112 (2.84) C 000 (0.00) d 112 (2.84)	Y-axis (mm) Contact position ID X-axis (mm) Y-axis (mm) + 195 (4 95) BB + 000 (0.00) + 130 (3.30) + 065 (1.65) CC + 112 (2.84) + 0065 (1.65) - 065 (1.65) DD + 112 (2.84) + 0065 (1.65) - 195 (4.95) EE + 000 (0.00) - 130 (3.30) - 260 (6.60) FF - 112 (2.84) - 065 (1.65) - 320 (9.81) GS - 112 (2.84) - 065 (1.65) - 320 (9.81) GS - 112 (2.84) - 065 (1.65) - 320 (9.81) GS - 112 (2.84) - 065 (1.65) - 320 (9.81) H + 000 (0.00) + 300 (0.00) - 325 (8.26) <td></td> <td></td> <td></td> <td>SOURIAU shall not be liable for an</td>				SOURIAU shall not be liable for an
	23 -53 5	tacts contacts rating location 53 20 I All MS20056-53				due to a use of the Products wl the Specifications issued by either o (professional recommenda
N						PN: 8D523
					ISS DATE	16 First Release Latest modification - by
					Designed By:	Date: Alumir
<u> </u>					SCALE NA	General linear Tolerances:
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