

2013/09/04 07:39:46 ctanke

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TO
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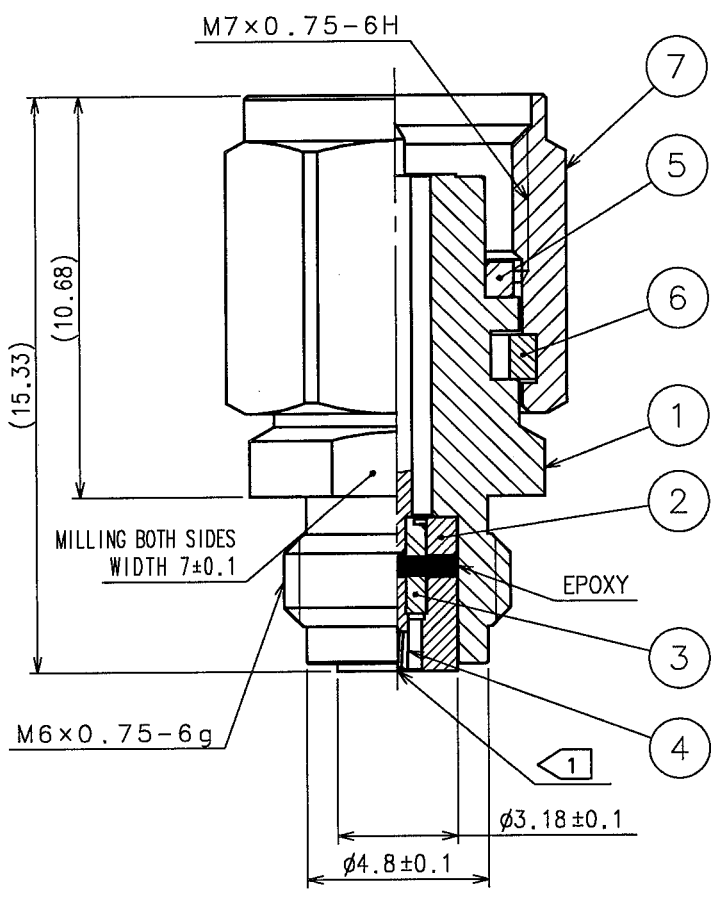
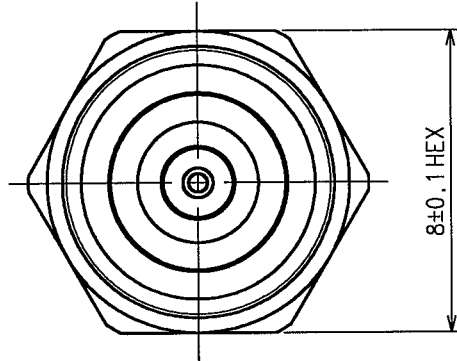
COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE															
Δ					Δ																			
Δ					Δ																			
APPLICABLE STANDARD																								
RATING	OPERATING TEMPERATURE RANGE	-55°C TO +125°C(95%RH MAX)			STORAGE TEMPERATURE RANGE	-55°C TO +125°C(95%RH MAX)																		
	POWER	_____ W			CHARACTERISTIC IMPEDANCE	50 Ω (0.045 TO 60GHz)																		
	PECULIARITY	_____			APPLICABLE CABLE	_____																		
SPECIFICATIONS																								
ITEM		TEST METHOD			REQUIREMENTS			QT	AT															
CONSTRUCTION																								
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			○	○															
MARKING		CONFIRMED VISUALLY.						-	-															
ELECTRIC CHARACTERISTICS																								
CONTACT RESISTANCE		1000 mA MAX (DC OR 1000 Hz). (STANDARD FOR MATING PORTION ONLY.)			CENTER CONTACT	4 mΩ MAX.		○	-															
					OUTER CONTACT	4 mΩ MAX.		○	-															
INSULATION RESISTANCE		250 V DC.			500 MΩ MIN.			○	○															
VOLTAGE PROOF		300 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.			NO FLASHOVER OR BREAKDOWN.			○	○															
VOLTAGE STANDING WAVE RATIO 1		FREQUENCY 0.045 TO 60 GHz			VSWR : 1.15 MAX.	0.045 - 26.5 GHz		○	○															
					VSWR : 1.25 MAX.	26.5 - 50 GHz																		
					VSWR : 1.35 MAX.	50 - 60 GHz																		
INSERTION LOSS		FREQUENCY _____ GHz			dB MAX.			-	-															
MECHANICAL CHARACTERISTICS																								
CONTACT INSERTION AND EXTRACTION FORCES		BY STEEL GAUGE.			INSERTION FORCE	N MAX.		-	-															
					EXTRACTION FORCE	N MIN.		-	-															
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE	N MAX.		-	-															
					EXTRACTION FORCE	N MIN.		-	-															
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: CENTER CONTACT 6 mΩMAX.CHANGE OUTER CONTACT 6 mΩMAX.CHANGE			○	-															
					② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.																			
VIBRATION		FREQUENCY 10 TO 2000 Hz SINGLE AMPLITUDE 0.75 mm, 196 m/s ² AT 12 CYCLES FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs.			○	-															
					② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.																			
SHOCK		980 m/s ² DIRECTIONS OF PULSE 6 ms AT 3 TIMES FOR 3 DIRECTIONS.						○	-															
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)		APPLYING A PULL FORCE THE CABLE AXIALLY AT N MAX.			① NO WITHDRAWAL AND BREAKAGE OF CABLE.			-	-															
					② NO BREAKAGE OF CLAMP.			-	-															
ENVIRONMENTAL CHARACTERISTICS																								
DAMP HEAT,CYCLIC		EXPOSED AT -10 TO +65 °C, 90~98 % TOTAL 10 CYCLES (240 h)			① INSULATION RESISTANCE: 100 MΩ MIN. (AT HIGH HUMIDITY)			○	-															
					② INSULATION RESISTANCE: 500 MΩ MIN. (AT DRY)																			
					③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.																			
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -65 → — → +125 → — °C TIME 30 → 3 → 30 → 3 min. UNDER 5 CYCLES.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○	-															
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			○	-															
REMARKS																								
					<table border="1"> <tr> <td>DRAWN</td> <td>DESIGNED</td> <td>CHECKED</td> <td>APPROVED</td> <td>RELEASED</td> </tr> <tr> <td>N. Asano</td> <td>N. Asano</td> <td>J. Mitomi</td> <td>Y. Kobayashi</td> <td></td> </tr> <tr> <td>103.4.14</td> <td>103.4.14</td> <td>103.4.14</td> <td>103.04.15</td> <td></td> </tr> </table>					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	N. Asano	N. Asano	J. Mitomi	Y. Kobayashi		103.4.14	103.4.14	103.4.14	103.04.15	
DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED																				
N. Asano	N. Asano	J. Mitomi	Y. Kobayashi																					
103.4.14	103.4.14	103.4.14	103.04.15																					
NOTE 1 MEASURING METHOD																								
Unless otherwise specified, refer to MIL-STD-202.																								
Note QT:Qualification Test AT:Assurance Test O:Applicable Test																								
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. HV-BPR01																	
CODE NO.(OLD) CL396-7187-0		DRAWING NO. ELC4-300264			PART NO. CL338-0203-5			1/1																

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1		2			3			4		
COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△					△					
△					△					
△					△					



NOTE 1 → PIN OD, φ0.23 HERMETIC SEAL APPLIES TO THIS CONNECTOR.

2 ASSEMBLED BLOCK CONSISTING REF. NO. ②③④ IS AN ATTACHED PRODUCT, REF. NO. ①⑤⑥⑦ SHALL BE IN PAIR WITH ATTACHED ASSEMBLED BLOCK.

4	BERYLLIUM COPPER	GOLD PLATING			
3	PTFE		7	STAINLESS STEEL	PASSIVATE
2	STAINLESS STEEL	GOLD PLATING	6	BERYLLIUM COPPER	NICKEL PLATING
1	STAINLESS STEEL	PASSIVATE	5	SILICONE RUBBER	
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS

CODE NO. (OLD) CL396-7187-0		DRAWN N. Asawa 103.4.14	DESIGNED N. Asawa 103.4.14	CHECKED I. Mitani '03.4.14	APPROVED F. Kobayashi '03.04.15	RELEASED
DRAWING NO. EDC4-300264		PART NO. HV-BPR01				
SCALE 5 : 1		CODE NO. CL338-0203-5				1/1
UNITS mm		HRS HIROSE ELECTRIC CO., LTD.				

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