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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO 70 °C			STORAGE TEMPERATURE RANGE	— °C TO — °C			
	VOLTAGE	AC 125 V			OPERATING HUMIDITY RANGE	— % TO — %			
	CURRENT	0.5 A			APPLICABLE CABLE	—			
<b>SPECIFICATIONS</b>									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
<b>CONSTRUCTION</b>									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			×	×
MARKING		CONFIRMED VISUALLY.						×	×
<b>ELECTRIC CHARACTERISTICS</b>									
CONTACT RESISTANCE		1 mA (DC OR 1000 Hz).			① >40 mΩ MAX.			×	×
INSULATION RESISTANCE		100 V DC.			250 MΩ MIN.			×	×
VOLTAGE PROOF		300 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			×	×
<b>MECHANICAL CHARACTERISTICS</b>									
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE 40 N MAX. EXTRACTION FORCE 4 N MIN.			×	—
MECHANICAL OPERATION		3000 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 10 μs.			×	—
SHOCK		490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.			② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	—
LOCKING FORCE		PULL THE CONNECTOR, CABLE AXIALLY.			40 N MIN.			×	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 5~35 → 85 → 5~35 °C TIME 30 → 2~3 → 30 → 2~3 min UNDER 5 CYCLES.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 60 °C, 90~95 %, 96 h.			① INSULATION RESISTANCE: AT HIGH HUMIDITY : 1 MΩ MIN. AT DRY : 100 MΩ MIN. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION INCLUDING DAMAGE OF CONNECTOR FUNCTION.			×	—
SOLDERING CONDITION		<p>← 240°C 10 S MAX 200°C MIN 40 S MAX 180°C 45 S MAX 150±10°C 120 S MAX THERE SHALL BE NO DEFECT AT CONDITION.</p>						×	—
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
① CONTACT RESISTANCE EXCLUDES BULK RESISTANCE.					74. Ando	74. Ando	N. Miyajima		
Unless otherwise specified, refer to JIS C 5402.					'06.05.10	'06.05.10	'06.05.10	'06.05.10	
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test									
<b>HRS HIROSE ELECTRIC CO., LTD.</b>				<b>SPECIFICATION SHEET</b>			PART NO. 3 2 6 0 - 8 S 3 ( 5 6 )		
CODE NO.(OLD)			DRAWING NO. ELC4-046586-03			CODE NO. CL232-0010-5-56			1/1