

In case of consideration for using Autom otive equ pm ent./device which dem and high reliability, kindly contact our sales window correspondents.

TO

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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△					△				

APPLICABLE STANDARD			STORAGE TEMPERATURE RANGE			-30 °C TO 70 °C					
RATING VOLTAGE			OPERATING HUMIDITY RANGE			— % TO — %					
CURRENT			APPLICABLE CABLE			—					
SPECIFICATIONS											
ITEM				TEST METHOD				QT AT			
CONSTRUCTION				REQUIREMENTS				QT AT			
GENERAL EXAMINATION				VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.			
MARKING				CONFIRMED VISUALLY.				X X X X X X			
ELECTRIC CHARACTERISTICS											
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.			
MECHANICAL CHARACTERISTICS											
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 ² 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.			
ENVIRONMENTAL CHARACTERISTICS											
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 10s MAX 200°C MIN 40s MAX 180°C 45s MAX 150±10°C 120s MAX</p>				THERE SHALL BE NO DEFECT AT CONDITION.			
REMARKS				DRAWN				DESIGNED	CHECKED	APPROVED	RELEASED
<input type="checkbox"/> CONTACT RESISTANCE EXCLUDES BULK RESISTANCE.				74. Ando				74. Ando	71 Miyajima		
Unless otherwise specified, refer to JIS C 5402.				'06.05.10				'06.05.10	'06.05.10	'06.5.10	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.			SPECIFICATION SHEET			PART NO. 3 2 6 0 - 8 S 3 (5 5)					
CODE NO.(OLD)		DRAWING NO.		CODE NO.		1					
E L C 4 - 0 4 6 5 8 6 - 0 2		E L C 4 - 0 4 6 5 8 6 - 0 2		C L 2 3 2 - 0 0 1 0 - 5 - 5 5		1					