

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 85 °C(NOTE 1) VOLTAGE: 250 V AC CURRENT: 3 A					STORAGE TEMPERATURE RANGE: -10°C TO 60 °C OPERATING HUMIDITY RANGE: APPLICABLE CONNECTOR:				
SPECIFICATIONS									
ITEM					TEST METHOD				
CONSTRUCTION					REQUIREMENTS				
GENERAL EXAMINATION					VISUALLY AND BY MEASURING INSTRUMENT				
MARKING					CONFIRMED VISUALLY				
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE					100mA (DC OR 1000 Hz)				
CONTACT RESISTANCE					20 mV MAX, mA(DC OR 1000 Hz)				
MILLIVOLT LEVEL METHOD					500V DC				
INSULATION RESISTANCE					650 V AC FOR 1 min.				
VOLTAGE PROOF					BY STEEL GAUGE				
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES					MEASURED BY APPLICABLE CONNECTOR				
INSERTION AND WITHDRAWAL FORCES					50 TIMES INSERTIONS AND EXTRACTIONS				
MECHANICAL OPERATION					FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm, ... m/s ² AT 2 h, FOR 3 DIRECTIONS				
VIBRATION					490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION				
SHOCK					TEMPERATURE -55 → -5 TO 35 → 85 → 5 TO 35 °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES				
ENVIRONMENTAL CHARACTERISTICS									
DAMP HEAT (STEADY STATE)					EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h				
CORROSION SALT MIST					EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h				
HYDROGEN SULPHIDE					EXPOSED IN -- PPM FOR -- h. (TEST STANDARD: JEIDA-39)				
SULPHUR DIOXIDE					EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD: JEIDA-39)				
SOLDERING HEAT					SOLDER TEMPERATURE: 260 ± 5 °C FOR IMMERSION, DURATION: 10S				
SOLDERABILITY					SOLDERED AT SOLDER TEMPERATURE: 230 ± 5 °C FOR IMMERSION DURATION: 3S				
REMARKS									
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT									
Note QT: Qualification Test AT Assurance Test ○ Applicable Test Unless otherwise specified, refer to MIL-STD-1344.									
SPECIFICATION SHEET									
HRS HIROSE ELECTRIC CO., LTD. CODE NO (OLD)			DRAWING NO ELC4-1 6 2 3 9 6 - 0 1			PART NO CL5 4 3			PART NO DF 3 - * P - 2 D S A (0 1)
DRAWN S.Hara		DESIGNED M.Tanaka		CHECKED K.Aoyama		APPROVED K.Katayama		RELEASED	
'99.5.28		99.5.31		'99.5.31		'99.5.31		1 1	

