

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

TO

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△									
<b>APPLICABLE STANDARD</b>									
OPERATING TEMPERATURE RANGE					STORAGE TEMPERATURE RANGE				
-30 °C TO 85 °C(NOTE 1)					-10°C TO 60 °C				
<b>RATING VOLTAGE</b>		250 V AC			<b>OPERATING HUMIDITY RANGE</b>				
<b>CURRENT</b>		3 A			<b>APPLICABLE CONNECTOR</b>				
<b>SPECIFICATIONS</b>									
<b>ITEM</b>					<b>TEST METHOD</b>				
<b>CONSTRUCTION</b>					<b>REQUIREMENTS</b>				
GENERAL EXAMINATION					VISUALLY AND BY MEASURING INSTRUMENT.				
MARKING					CONFIRMED VISUALLY.				
<b>ELECTRIC CHARACTERISTICS</b>									
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.				
<b>MECHANICAL CHARACTERISTICS</b>					MEASURED BY APPLICABLE CONNECTOR.				
CONTACT INSERTION AND EXTRACTION FORCES					50 TIMES INSERTIONS AND EXTRACTIONS.				
INSERTION AND WITHDRAWAL FORCES					FREQUENCY 10 TO 55 HZ, SINGLE AMPLITUDE 0.75mm, ... m/s <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.				
MECHANICAL OPERATION					490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.				
VIBRATION					EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.				
SHOCK					EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
RAPID CHANGE OF TEMPERATURE					TEMPERATURE :55 →5 TO 35 →85 →5 TO 35 °C TIME 30 →10 TO 15 →30 →10 TO 15 min UNDER 5 CYCLES.				
DAMP HEAT (STEADY STATE)					① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 Ω MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				
CORROSION SALT MIST					① CONTACT RESISTANCE: 60 mΩ MAX. ② NO HEAVY CORROSION.				
HYDROGEN SULPHIDE					① CONTACT RESISTANCE: mΩ MAX. ② NO HEAVY CORROSION.				
SULPHUR DIOXIDE					① CONTACT RESISTANCE: 60 mΩ MAX. ② NO HEAVY CORROSION.				
SOLDERING HEAT					NO DEFORMATION ON CASE OR EXCESSIVE LOOSENESS OF THE TERMINALS				
SOLDERABILITY					SOLDER SHALL COVER MINIMUM OF 95 % OF THE SURFACE BEING IMMERSERD.				
REMARKS					DRAWN DESIGNED CHECKED APPROVED RELEASED				
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT					M. Tomoda M. Tomoda K. Higayama K. Katayama				
Unless otherwise specified, refer to MIL-STD-1344.					99.5.28 99.5.28 99.5.28 99.5.31				
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test									
<b>HRS</b>		<b>SPECIFICATION SHEET</b>			<b>PART NO.</b>			<b>DF 3 - * P - 2 DS (0 1)</b>	
HIROSE ELECTRIC CO., LTD.		DRAWING NO.			PEART NO.			CL 5 4 3	
CODE NO.(OLD)		ELC4-1 6 2 3 9 7 - 0 1						1 / 1	

