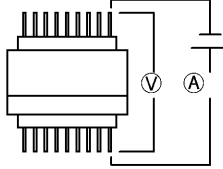



APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-20°C TO 80°C	STORAGE TEMPERATURE RANGE	-	
	VOLTAGE	125 V	OPERATING HUMIDITY RANGE	-	
	CURRENT	1A	APPLICABLE CABLE	-	
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
<b>CONSTRUCTION</b>					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.		X	X	
<b>ELECTRIC CHARACTERISTICS</b>					
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz)  MEASUREMENT POINT 	50 mΩ MAX. <span style="border: 1px solid black; padding: 2px;">1</span>	X	-	
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	X	-	
VOLTAGE PROOF	250 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	-	
<b>MECHANICAL CHARACTERISTICS</b>					
INSERTION AND WITHDRAWAL FORCES	MEASURED BY COMBINATION OF THE CONNECTOR <span style="border: 1px solid black; padding: 2px;">2</span>	17.2N MAX	X	-	
MECHANICAL OPERATION	60 TIMES INSERTIONS AND EXTRACTIONS.	①CONTACT RESISTANCE VARIATION : 10 mΩ MAX. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 5min/CYCLE FOR 10 CYCLES	①NO ELECTRICAL DISCONTINUITY OF 10 μS. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	-	
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 15 ~ 35 → 105 → 15 ~ 35 °C TIME 30 → 5max → 30 → 5max FOR 5 CYCLES.	①CONTACT RESISTANCE VARIATION : 10 mΩ MAX. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
DAMP HEAT,CYCLIC	EXPOSED 40 °C、 90 TO 95 %、 96 h	①INSULATION RESISTANCE: 100 MΩ MIN (AT DRY) ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	-	
NOTES <span style="border: 1px solid black; padding: 2px;">1</span> EXCLUDE CABLE CONTACT RESISTANCE <span style="border: 1px solid black; padding: 2px;">2</span> THE COMBINATION OF PRODUCTS IN THIS TEST (QR/P18A-18S)					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
	0				
REMARK			APPROVED	YH. ENAMI	08.04.04
			CHECKED	HO. MIWA	08.04.04
Unless otherwise specified, refer to JIS C 5402.			DESIGNED	KI. NAGANUMA	08.04.04
			DRAWN	KI. NAGANUMA	08.04.04
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-125533-01	
<b>HRS</b>	SPECIFICATION SHEET		PART NO.	QR/P18A-18P-DSA1	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL221-0308-3-00	 1/1