

Excellent Integrated System Limited

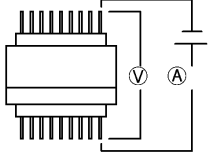
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Hirose Electric Co Ltd](#)
[QR/P18A-18S](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-20°C TO 80°C	STORAGE TEMPERATURE RANGE	-	
	VOLTAGE	125 V	OPERATING HUMIDITY RANGE	-	
	CURRENT	1 A	APPLICABLE CABLE	AWG#28 INSULATOR OUTER DIAMETER(0.87~0.97)	
SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	x	x
MARKING	CONFIRMED VISUALLY.			x	x
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz) MEASUREMENT POINT 		50 mΩ MAX. <1>	x	-
INSULATION RESISTANCE	500 V DC.		1000 MΩ MIN.	x	-
VOLTAGE PROOF	250 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	x	-
MECHANICAL CHARACTERISTICS					
INSERTION AND WITHDRAWAL FORCES	MEASURED BY COMBINATION OF THE CONNECTOR <2>		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 ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			x	-
ENVIRONMENTAL CHARACTERISTICS					
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 <1> EXCLUDE CABLE CONTACT RESISTANCE <2> THE COMBINATION OF PRODUCTS IN THIS TEST (QR/P18A-18P-Γ J)					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
	0				
REMARK			APPROVED	YH. ENAMI	08.04.04
Unless otherwise specified, refer to JIS C 5402.			CHECKED	HO. MIWA	08.04.04
			DESIGNED	K.I. NAGANUMA	08.04.04
			DRAWN	K.I. NAGANUMA	08.04.04
			Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-125532-01
	SPECIFICATION SHEET		PART NO.	QR/P18A-18S	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL221-0307-0-00	1/1