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

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C(1)	STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C(2)
	VOLTAGE	200 V AC	OPERATING HUMIDITY RANGE	40 % TO 80 %
	CURRENT	1 A	STORAGE HUMIDITY RANGE	40 % TO 70 %(2)

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	15 mΩ MAX.	×	
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	×	
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS.	①CONTACT RESISTANCE: 15 mΩ MAX. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	
VIBRATION	FREQUENCY 10 TO 55 Hz, AMPLITUDE : 1.5 mm, AT 2 h FOR 3 DIRECTION.	①NO ELECTRICAL DISCONTINUITY OF 1 μs. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	
SHOCK	490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		×	
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 ～ 95 %, 96 h.	①CONTACT RESISTANCE: 15 mΩ MAX. ②INSULATION RESISTANCE: 1000 MΩ MIN.	×	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE-65→+15～+35→+125→+15～+35°C TIME 30 → 10～15 → 30 → 10～15 min UNDER 5 CYCLES.	③NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	①CONTACT RESISTANCE: 15 mΩ MAX. ②NO HEAVY CORROSION.	×	
HYDROGEN SULPHIDE	EXPOSED IN 3 PPM FOR 120 h.		×	
RESISTANCE TO SOLDERING HEAT	1) SOLDER BATH:SOLDER TEMPERATURE, 260±5℃ FOR IMMERSION,DURATION,10±1s. 2) SOLDERING IRONS : 360℃ FOR 5 s.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL	×	
SOLDRABILITY	SOLDERED AT SOLDER TEMPERATURE 245±3℃ FOR IMMERSION DURATION, 2s.	A NEW UNIFORM COATING OF SOLDER SHALL OVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	×	

REMARKS
1)TEMPERATURE RISE INCLUDED WHEN ENERGIZED.
2)THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.

Unless otherwise specified, refer to MIL-STD-202.

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
I.OKAYAMA 04.07.06	K.NAKAMURA 04.07.06	K.Ogawa '04.07.06	H.Okawa 04.07.08	

Note QT:Qualification Test AT:Assurance Test ×:Applicable Test

HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. HIF3B-**PA-2.54DS(71)	
CODE NO.(OLD) CL	DRAWING NO. ELC4 – 154424 - 21	CODE NO. CL 610	1/1

FORM No.231-1

TO
PCK