	BLE STAN				STOF	RAGE				
	OPERATING TEMPERATURE RANGE VOLTAGE		▲ -40 °C TO 10		TEMF	PERATU				
RATING			50 V AC / DC		HUMIC	ATING OR STORAGE DITY RANGE		RELATIVE HUMIDITY 90 % MAX	(NOT D	NOT DEWED)
CURRENT		0.5 A (<i>note 1</i>) APPLIC				ICABLE	CABLE	t=0.3±0.05mm, GOLD	PLATI	NG
			SPEC	SIFIC		NS				
IT	EM		TEST METHOD				REC	QUIREMENTS	QT	A
CONSTR										
	XAMINATION		Y AND BY MEASURING IN	ISTRUM	ENT.	ACCO	RDING TO	DRAWING.	×	×
MARKING			MED VISUALLY.						×	×
	IC CHARA								-	
CONTACT RESISTANCE		1mA(DC OR 1000Hz).			50 mΩ MAX. INCLUDING FPC,FFC BULK RESISTANCE (L=8mm)			×	×	
INSULATION		100 V DC.			500 M			×	×	
RESISTANCE VOLTAGE PROOF		150 V AC) V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			×	×
MECHAN	ICAL CHA	RACTE	RISTICS							1
MECHANICAL OPERATION		20 TIMES INSERTIONS AND EXTRACTIONS.			 CONTACT RESISTANCE: 50 mΩ MAX. NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 			×		
VIBRATION		FREQUENCY 10 TO 55 Hz, HALF AMPLITUDE 0.75 mm, FOR 10 CYCLES IN 3 DIRECTIONS.			 NO ELECTRICAL DISCONTINUITY OF 1 μs. 			×	-	
SHOCK			m/s ² , DURATION OF PULSE 6 ms 3 TIMES IN 3 DIRECTIONS.			 ② CONTACT RESISTANCE: 50 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 			×	-
FPC RETEN	SION FORCE	(CONNE)	MEASURED BY APPLICABLE FPC. CONNECTOR,FPC AT INITIAL CONDITION. FHICKNESS OF FPC SHALL BE t=0.30mm)			DIRECTION OF INSERTION: 0.4×n N MIN (n : NUMBER OF CONTACTS).			×	-
ENVIRO	NMENTAL		ACTERISTICS	5.5011117						
RAPID CHANGE OF TEMPERATURE		UNDER 5 CYCLES.			 CONTACT RESISTANCE: 50 mΩ MAX. INSULATION RESISTANCE: 50 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 			×	-	
								-		
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, RELATIVE HUMIDITY 90 TO 95 %, 96 h.			OF	PARIS.		×	-	
DAMP HEAT	,CYCLIC	EXPOSED AT -10 TO +65 °C, RELATIVE HUMIDITY 90 TO 96 %,			(1) CONTACT RESISTANCE: 50 m Ω MAX. (2) INSULATION RESISTANCE: 1 M Ω MIN.			×	-	
		10 CYCLES,TOTAL 240 h.			 (AT HIGH HUMIDITY) INSULATION RESISTANCE: 50 MΩ MIN. (AT DRY) NO DAMAGE, CRACK AND LOOSENESS 					
					OF PARTS.					
DRY HEAT		EXPOSE	EXPOSED AT 105±2 °C, 96 h.			$ (1) CONTACT RESISTANCE: 50 m \Omega MAX. $				-
COLD		EXPOSED AT -40±3°C, 96 h.			② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				1-	
CORROSION SALT MIST		EXPOSED AT 35±2 °C 5% SALT WATER SPRAY FOR 96 h.			 CONTACT RESISTANCE: 50 mΩ MAX. NO EVIDENCE OF CORROSION WHICH 			×	-	
SURPHUR DIOXIDE [JIS C 60068-2-42]		EXPOSE	XPOSED AT 40±2 °C , RELATIVE HUMIDITY 0±5% , 25±5 PPM FOR 96 h.			AFFECTS TO OPERATION OF CONNECTOR.			×	-
			D AT 40±2 ℃ , RELATIVE 10 TO 15 PPM FOR 96		ΓY	1			×	-
COUN	T DE		ON OF REVISIONS		DESIG	SNED		CHECKED	DA	١TE
<u>6</u>		DIS-	F-00000491		SG. MA	SAKI		HS. SAKAMOTO	15.0	
REMARK							APPROVE		10.0	
A							CHECKE		10.0	
♪ Matess off	erwise sner	rified re	fer to IEC 60512.				DESIGNE		10.0	
			surance Test X:Applicable 1	Tost				ELC4-328248		<i>J</i> IJ.
				1001	PART	RAWIN		FH52-**S-0. 5SH	-00	
HRS			ECTRIC CO., LTD.			-			٨	1/:
	חות		$_$		CODE	: NO.		CL580	Δ	11/

FORM HD0011-2-1

	SPECIFICATIO	NS		
ITEM	TEST METHOD	REQUIREMENTS	QT	A
ESISTANCE TO DLDERING HEAT	1) REFLOW SOLDERING (TO BE 2 TIMES MAX.) PEAK TMP. 250 °C MAX REFLOW TMP. 230 °C MIN FOR 30 sec. PRE-HEATING. 150 TO 200°C 90 TO 120 sec. SOLDERING IRONS SOLDERING IRONS SOLDERING IRONS	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	×	-
DLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 235±5 °C FOR IMMERSION DURATION, 2±0.5 sec.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	×	-
(note 1)				
WHEN THE	SAME VALUE OF CURRENT ARE APPLID TO ALL CO	NTACTS AT THE SAME TIME IN ONCE.		
	JRRENT TO THE 70 % OF THE RATED CURRENT VAL			
021111200				

Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWIN	NG NO.	ELC4-328248-00		
HRS	SPECIFICATION SHEET	PART NO. FH52-**S-0. 5SH				
	HIROSE ELECTRIC CO., LTD.	CODE NO		CL580		2/2