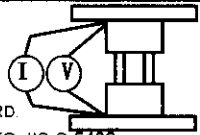


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		
△					△						
△					△						
APPLICATION STANDARD											
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C			STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C					
	VOLTAGE	AC 50 V			OPERATING HUMIDITY RANGE	RELATIVE HUMIDITY : 95 % MAX (NO DEW CONDENSATION IS PERMITTED)					
	CURRENT	0.4 A									
SPECIFICATIONS											
ITEM		TEST METHOD			REQUIREMENT			QT	AT		
CONSTRUCTION											
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT			ACCORDING TO DRAWING			X	X		
MARKING		CONFIRMED VISUALLY.						X	X		
ELECTRICAL CHARACTERISTICS											
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).			110 mΩ MAX.			X	X		
INSULATION RESISTANCE		100 V DC.			100 MΩ MIN.			X	—		
VOLTAGE PROOF		150 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			X	X		
MECHANICAL CHARACTERISTICS											
INSERTION AND WITHDRAWAL FORCE		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE: 180.0 N MAX. WITHDRAWAL FORCE: 15.0 N MIN.			X	—		
MECHANICAL OPERATION		20 TIMES INSERTION AND EXTRACTION.			1)CONTACT RESISTANCE: 120 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.			X	—		
VIBRATION		FREQUENCY: 10 TO 55 Hz, SINGLE AMPLITUDE: 0.75 mm, — m/s ² 10 CYCLES IN 3 DIRECTIONS.			1)NO ELECTRICAL DISCONTINUITY OF 1 μs MIN. 2)NO DAMAGE, CRACK AND LOOSENESS OF PART.			X	—		
SHOCK		490 m/s ² DURATION OF PULSE 11 ms, 3 TIMES IN 3 DIRECTIONS.						X	—		
ENVIRONMENTAL CHARACTERISTICS											
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90~95 %, 96 h.			1)CONTACT RESISTANCE: 120 mΩ MAX. 2)INSULATION RESISTANCE: 100 MΩ MIN.			X	—		
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→-15~35→ 85→-15~35°C TIME 30→ 2~ 3→ 30→ 2~ 3 min. UNDER 5 CYCLES.			3)NO DAMAGE, CRACK AND LOOSENESS OF PART.			X	—		
DRY HEAT		EXPOSED AT 85 °C, 96 h.			1)CONTACT RESISTANCE: 120 mΩ MAX.			X	—		
COLD		EXPOSED AT -55 °C, 96 h.			2)NO DAMAGE, CRACK AND LOOSENESS OF PART.			X	—		
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			X	—		
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD:JIS C 0090)			1)CONTACT RESISTANCE: 120 mΩ MAX. 2)NO HEAVY CORROSION.			X	—		
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED			
*) THE VALUE OF CONTACT RESISTANCE INCLUDES 2 CONTACT POINTS AND THE BULK RESISTANCE OF A TRANSMISSION BOARD. UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.						J. Takada 01.08.02		J. Takada 01.08.02		S. Ohara 01.08.02	
				M. Moriyama 01.08.03		(Signature) 01.08.03		(Signature) 01.08.03			
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST											
HS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO.			IT1 - 252P/44 - 23H	
CODE NO.(OLD)		DRAWING NO.			CODE NO.			1		1	
CL		ELC4 - 153472			CL 641 - 0231 - 8			1		1	

TO
PCK