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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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	1A			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.			X	X
MARKING		CONFIRMED VISUALLY.						X	X
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).			15 mΩ MAX.			X	
INSULATION RESISTANCE		500 V DC.			1000 MΩ MIN.			X	
VOLTAGE PROOF		650 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			X	
MECHANICAL CHARACTERISTICS									
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.			①CONTACT RESISTANCE: 15 mΩ MAX. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			X	
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.			X	
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.						X	
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.			X	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE-65→+15~+35→+125→+15~+35°C TIME 30 → 15 MAX → 30 → 15 MAX min UNDER 5 CYCLES.			③NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			X	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			①CONTACT RESISTANCE: 15 mΩ MAX. ②NO HEAVY CORROSION.			X	
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 120 h. (TEST STANDARD:JEIDA38)						X	
RESISTANCE TO SOLDERING HEAT		1) SOLDER BATH:SOLDER TEMPERATURE, 260±5°C FOR IMMERSION,DURATION,10±1s. 2) SOLDERING IRONS : 360°C FOR 5 s.			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.			X	
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245 ± 3°C, FOR IMMERSION DURATION, 2 s.			A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMersed.			X	
REMARKS 1)TEMPERATURE RISE INCLUDED WHEN ENERGIZED. 2)THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.					DRAWN T.NODA 04.10.27	DESIGNED <i>K. Doi</i> '04.10.28	CHECKED <i>K. Ogawa</i> '04.10.28	APPROVED <i>K. Ogawa</i> '04.10.28	RELEASED
Unless otherwise specified, refer to MIL-STD-1344.									
Note QT:Qualification Test AT:Assurance Test X:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO. HIF3F-26PA-2.54DS(71)	
CODE NO.(OLD) CL		DRAWING NO. ELC4 - 016848 - 21			CODE NO. CL 615- 0044 - 4 - 71			1/1	

