1/2				CODE NO.				
5	3SHW (50)	FH36-**S-0.	꾸	PART NO.	SHEET	SPECIFICA	- (0	天 S
	-156643-06	ELC4-	G NO.	DRAWING NO.	AT:Assurance Test X:Applicable Test		QT:Qualification Test	Note QT:0
09. 12. 21		HK. OSHIKIRI	DRAWN		to JIS C 5402.	Unless otherwise specified, refer to JIS	herwise sp	Unless of
09. 12. 22			DESIGNED		)	i -		-
09. 12. 22		FN. TAMURA	CHECKED					
09. 12. 22		D RI. TAKAYASU	APPROVED		_		-	REMARK
								Ø
DATE		CHECKED		DESIGNED		DESCRIPTION OF REVISIONS		COUNT
	OSENESS	CRACK AND LOOSENESS	④ NO DAMAGE, C OF PARTS.	@ NO OF				
	MIS MIN.	(AT DRY)	(AT DRY)	(F)				
		HUMIDITY)	(AT HIGH I		TOTAL 240 h.	10 CYCLES,TOTAL		
1	100 mΩ MAX.   X : 1 MΩ MIN.	∴ 100	INSULATION RESISTANCE:	® INS	_	шΈ	I,CYCLIC	DAMP HEAT, CYCLIC
		1			90 TO 9	IT '	TATE)	(STEADY STATE)
	CSENESS	NO DAMAGE, CRACK AND LOOSENESS OF PARTS	NO DAMAGE, C OF PARTS	@ QF 20	40+2°C	EXPOSED AT	7	DAMP HEAT
		INSULATION RESISTANCE: 50 MΩ	ULATION RE	<u> </u>		TIME	URE	TEMPERATURE
ı	100 mΩ MAX. ×		CONTACT RESISTANCE:	$\ominus$	TEMPERATURE-55→+15T0+35→+85→+15T0+35°C	TEMPERATU	NGE OF	RAPID CH/
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	AFFECTS TO OPERATION OF	AFFECTS TO O	Θ ΑΕ Ο Ε				
			OF PARTS.	<u></u> 9				
ı	OSENESS X	NO DAMAGE, CRACK AND LOOSENESS	DAMAGE, C	<b>⊗</b> ∈	33 1- 2 0 , 3 % 0 2 5	FOR 96 h.	0)	
	-	ETANICE: 100	NTACT BES	<u> </u>	ERISTICS	→ ا	ENVIRONMENTAL	ENVIRONMEN
1	MIN.	DIRECTION OF INSERTION: 0.15N × NUMBER OF CONTACTS MIN. (note 1)	DIRECTION OF I	0.15N × ( <i>note 1</i> )	MEASURED BY APPLICABLE FPC. (THICKNESS OF FPC SHALL BE t=0.20mm AT INITIAL CONDITION.)	<u> </u>	FPC RETENTION FORCE	FPC RETE
	LOOSENESS		NO DAMAGE, CRACK AN OF PARTS.	® € OF O	TO THE PARTY OF TH		Zò	OPERATION
	MAX		NTACT DEG	3 9	ERTIONS AND EXTRACTIONS	10 TIMES INS	ΔΙ	MECHANIC
1	100 mΩ MAX. ×		CONTACT RESISTANCE: NO DAMAGE, CRACK AN	@ @ O O O TO	DURATION OF PULSE 6 ms :S IN 3 DIRECTIONS.	981 m/s <sup>2</sup> , DI AT 3 TIMES		SHOCK
1	JITY OF 1 ×	NO ELECTRICAL DISCONTINUITY OF μs.	ELECTRICA	·	10 TO 55 Hz, HALF AMPLITUDE 10 CYCLES IN 3 DIRECTIONS	FREQUENCY 0.75 mm, FOR	_	VIBRATION
	_				TICS	CHARACTERIS		MECHANICAL
	ICE	BULK RESISTANCE	INCLUDING FPC B (L=12)	INCLUI (L=12)				
×	×		2 MAX.	100 mΩ MAX	AC 20 mV MAX ( AC:1 KHz ) , 1 mA .		CONTACT RESISTANCE	CONTACT
×	×		MIN.	50 MΩ MIN.		100 V DC.	ΩŽ	INSULATION RESISTANCE
×	N. X	NO FLASHOVER OR BREAKDOWN.	ASHOVER C	NO FL	1 min.	90 V AC FOR 1 min.	ROOF	VOLTAGE PROOF
					S	CHARACTERISTICS	RIC CHAR.	ELECTRIC
	×				VISUALLY.	CONFIRMED VISUALLY.		MARKING
×	×	DRAWING.	징	ACCORDING	VISUALLY AND BY MEASURING INSTRUMENT.	Z	EXAMINATION	GENERAL
ΓAT	QT	REQUIREMENTS	REQ		TEST METHOD		CONSTRUCTION	CONSTI
4				CNS	CIFICA			
İNG	t=0.2±0.03mm, GOLD PLATING	t=0.2±0.03m		F			CURRENT	
DEWED)	Y 90 % MAX (NOT DEWED)	RELATIVE HUMIDITY 90		HUMIDITY RANGE	30 V AC / DC		VOLTAGE	RATING
DITION)	-10°C TO 50°C (PACKED CONDITION)	-10°C TO 50	RE RANGE	TEMPERATURE F	-55 °C TO 85 °C	URE RANGE	TEMPERATURE RANGE	
				STORAGE		NDARD	APPLICABLE STANDARD	APPLIC/

DRM HD0011-2-1

FORM HD0011-2-2

HIROSE ELECTRIC CO.,

LTD

SPECIFICATION SHEET

PART NO.
CODE NO

FH36-\*\*S-0. 3SHW (50)

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No te			<u> </u>		Ŧ	Sc	8	뒤	<u> </u>	_
te QT:Qualification Test	(note 2) BLISTERS WHI	(note 1) THIS PRODUC IF FORCE IN V	SOLDERING HEAT	SOLDERABILITY	_PHIDE S C 0092	SURPHUR DIOXIDE [JIS C 0090]	COLD	DRY HEAT	ITEM	
t AT:Assurance Test X:Applicable Test	ote 2) BLISTERS WHICH MAY OCCUR IN HOUSING DO NOT AFFECT PRODUCT PERFORMANCE.	ote 1) THIS PRODUCT HAS FLIP-LOCK CONSTRUCTION. FASTEN FPC IF FORCE IN VERTICAL DIRECTION SHALL BE PREDICTED.	7) REFLOW SOLDERING: PEAK TMP. 250 °C MAX.  REFLOW TMP. OVER 230 °C WITHIN 60 sec. 2) SOLDERING IRONS:  TMP. 350 ± 10 °C FOR 5±1 sec.	SOLDERED AT SOLDER TEMPERATURE, 235 ±5°C FOR IMMERSION DURATION, 2±0.5 sec.		EXPOSED AT 40±2 °C , RELATIVE HUMIDITY ±5% 25±5 ppm FOR 96 h.	EXPOSED AT -55±3°C, 96 h.	EXPOSED AT 85±2 °C, 96 h.	TEST METHOD	SPECIFICATIONS
DRAWING NO. EL	「AFFECT PRODUCT PERFORM	ASTEN FPC ON PCB OR SOMETHING FIXED	0 sec.   TERMINALS.   (note 2)	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.			② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	① CONTACT RESISTANCE:	REQUIREMENTS	TIONS
ELC4-156643-06	ANCE.	:THING FIXED	OF THE ×			100 mΩ MAX. x .		×	S QT A:	