APPLI	CABL	E STANI	DARD									
OPERATING				-55 °C TO 85	5 °C		TORAGE		T-	-10 °C TO 50 °C (PACKED CONDITIO		
RATIN		TEMPERATURE RANGE VOLTAGE CURRENT			40.V/ AC / DC OPERATION			ING OR STORAGE		ELATIVE HUMIDITY 90 % MAX		
				POIVIL		ICABLE CABLE		\top	· · · · · · · · · · · · · · · · · · ·		10	
	ļ C	JKKENI		SPEC	<u> </u>	<u>ΛΤΙ</u>	NIC			t=0.3±0.05mm, GOLD F	LATII	NG
		_			,1110	AIIO	110				T	T . =
CONC	ITEN			TEST METHOD				RE	QU.	IREMENTS	QT	AT
		CTION	VISIIALLY	AND BY MEASURING IN	STRIIME	-NT	TACCOR	RDING TO	DR	AWING	Ι×	Ι.,
			VISUALLY AND BY MEASURING INSTRUMENT. CONFIRMED VISUALLY.				ACCONDING TO BILAVVING.				×	×
		CHARA					1					^
VOLTAG				FOR 1 min.			NO FL	ASHOVER	OR	BREAKDOWN.	×	×
INSULATION			100 V DC.			500 MΩ MIN.			×	×		
RESISTA												
CONTACT RESISTANCE			AC 20 mV MAX (1 KHz), 1 mA.				100 m⊆				×	×
							INCLUDING FPC,FFC BULK RESISTANCE (L=8mm)					
MECH	IANIC	CAL CHA	RACTE	RISTICS			[(L-OIIII)	1				
VIBRATION			FREQUENCY 10 TO 55 Hz, HALF AMPLITUDE				NO ELECTRICAL DISCONTINUITY OF 1				×	Ι_
			0.75 mm, - m/s ² FOR 10 CYCLES IN				μ s .					
SHOCK			3 DIRECTIONS. 981 m/s ² , DURATION OF PULSE 6 ms				② CONTACT RESISTANCE: $100 \text{ m}\Omega$ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS			×		
OHOOK			AT 3 TIMES IN 3 DIRECTIONS.			1	OF PARTS.			^	_	
MECHAN			20 TIMES	INSERTIONS AND EXTRA	CTIONS	6.	① CONTACT RESISTANCE: $100 \text{ m}\Omega$ MAX.			×	-	
OPERAT	ION						② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					
FPC RET	TENSIC	ON FORCE	MEASURED BY APPLICABLE FPC.					F II	NSERTION : 4.8N MIN.	×	-	
			(THICKNESS OF FPC SHALL BE t=0.30mm				(note 1)					
ENI\/ID				L CONDITION.) ACTERISTICS								
				D AT 35±2 °C , 5 % SALT	WATER	SPRAY	① COI	NTACT RE	SIS	TANCE: 100 mΩ MAX.	×	Γ_
			FOR 96 h.				1	② NO DAMAGE, CRACK AND LOOSENESS				
						OF PARTS. NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF						
							CONNECTOR.					
RAPID CHANGE OF TEMPERATURE			TEMPERATURE-55→+15 _{TO} +35→+85→+15 _{TO} +35°C							×	-	
			TIME $30 \rightarrow 2 \text{ To } 3 \rightarrow 30 \rightarrow 2 \text{ To } 3 \text{ min}$ UNDER 5 CYCLES.									
DAMP HEAT			EXPOSED AT 40±2 °C,				OF PARTS.				×	_
(STEADY STATE)		,	RELATIVE HUMIDITY 90 TO 95 %, 96 h.			© CONTACT DECISTANCE: 400 O MAY				l		
DAMP HEAT,CYCLIC			EXPOSED AT -10 TO +65 °C, RELATIVE HUMIDITY 90 TO 96 %, 10 CYCLES,TOTAL 240 h.			(1) CONTACT RESISTANCE: $100 \text{ m}\Omega$ MAX. (2) INSULATION RESISTANCE: $1 \text{ M}\Omega$ MIN.			×	-		
						(AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: 50 MΩ MIN. (AT DRY) ④ NO DAMAGE, CRACK AND LOOSENESS						
		ı				OF PARTS.						
_	TNUC	DE	SCRIPTIC	ON OF REVISIONS		DESIG	SNED			CHECKED	DA	TE
<u> </u>												
REMARK						APPROVE		-	RI. TAKAYASU		4. 03	
				ified refer to US C 5402			DESIGNED DRAWN		\dashv	RI. TAKAYASU	08. 04.	
			- احماعات						-	YH. KOTANI		4. 03
Unless otherwise specified, re									٧			4. 03
Note Q	T:Quali	fication Test	AT:Assı	ssurance Test X:Applicable Test DI		RAWING NO.			ELC4-156977-			
R	c	SPECIFICATION SHEET PART			NO. FI		-H3	H33M-16S-0. 4SH(10)				
11/	⊣ ر			ECTRIC CO., LTD.		CODE	E NO. CL580-1319-		-1319-7-10	Δ	1/2	
ORM HDOO	011 2 1					JOBE	- 110.	JLU		.010 / 10		

SPECIFICATIONS									
ITEM	TEST METHOD	REQUIREMENTS	QT	АТ					
DRY HEAT	EXPOSED AT 85±2 °C, 96 h.	① CONTACT RESISTANCE: 100 mΩ MAX.	×	_					
COLD	EXPOSED AT -55±3°C, 96 h.	② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	_					
SURPHUR DIOXIDE [JIS C 0090]		$ \bigcirc $ CONTACT RESISTANCE: 100 m Ω MAX. $ \bigcirc $ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	_					
HYDROGEN SULPHIDE [JIS C 0092]	EXPOSED AT 40±2 °C , RELATIVE HUMIDITY 80±5% , 10 TO 15 PPM FOR 96 h.	③ NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF CONNECTOR.	×	_					
SOLDERABILITY	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.	×	_					
RESISTANCE TO SOLDERING HEAT	1) REFLOW SOLDERING: PEAK TMP. 250 °C MAX. REFLOW TMP. 230 °C MIN FOR 60 sec. 2) SOLDERING IRONS: TMP. 350 ± 10 °C FOR 5±1 sec.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	×	_					

(note 1)

WHEN THE SAME VALUE OF CURRENT ARE APPLID TO ALL CONTACTS AT THE SAME TIME IN ONCE, SET THE CURRENT TO THE 70 % OF THE RATED CURRENT VALUE.

(note 2)

THIS PRODUCT HAS FLIP-LOCK CONSTRUCTION. FASTEN FPC ON PCB OR SOMETHING FIXED IF FORCE IN VERTICAL DIRECTION SHALL BE PREDICTED.

Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWIN	IG NO.	ELC4-156977-01		
HS	SPECIFICATION SHEET	PART NO.	FH33M-16S-0.4SH(10)			
11.0	HIROSE ELECTRIC CO., LTD.	CODE NO	CL580	-1319-7-10	Δ	2/2