TO NC

	COUNT	DESCRIPT	ION OF REVIS	SIONS	BY	CHKD	<u> </u>	DATE	<u> </u>	COUNT	T DE	ESCRIPTION O	F REVISIONS	BY	CHKD	DAT	E
\triangle																	
\triangle																	
APF	PLICA	BLE STA															
		OPERATING	G TURE RANGE		-40 °	,C _	TO	85 °C	3		RAGE 1PERA	TURE RANGE	-10°CTO 5	- 50°C(PACKED	CONDI	TION)
<u></u> ν.	TINIC			+								BATING OR STORAGE					
HA	.HNG	VOLTA	JE.	E 50 V AC / DC HUMI						RELATIVE HUMIDITY 90 % MAX(NOT DE				:WED)			
				+						IAPP'	ICAE	BLE CABLE					
		CURRE	£NT			*	0.5 A	4		, "	LIV.)LL 0,	t=0.3±0.05	, GO	LD PLAT	ΓED	
	-	<u> </u>					SPE	ECIF!	ICA	TION	1S						
-	IT	ЕМ			TES	ST ME				-	Ť	REC	QUIREMEN	TS		QT	AT
	NSTRU	UCTION															
			ON VISUAL	LY AND) BY N	/IEASL	JRING	i INSTF	₹UME	NT.	ACC	CORDING TO	DRAWING.			×	X
MAR	RKING		CONFIR	RMED V	/ISUAI	LLY.					1					×	X
=1 €	CTRI(CHARA	L CTERIST	rics													-
		RESISTANC		mA (DC	OR 10	000 Hz	z).				Т	50 mΩ M/	AX.			X	X
-		-		-			•			1	IN	CLUDING FPC	FFC BULK RES	ISTAN	CE		
												(L=8mm)	•				
	JLATION		10	00 V DC.					_		T	500 MΩ N	AIN.			×	X
	TAGE P		15	50 V AC	FOR	1 min.					NO	FLASHOVER	OR BREAKD	OWN.		X	×
			ARACTER								<u> </u>					1/	
	CHANICA			MES IN		IONS /	AND E	-XTRA	OITO	NS.	 (1)	CONTACT RE	SISTANCE:	50 n	nΩ MAX	. ×	T
	RATION			VIL	J		~N	.X1+=	***		2 N	② NO DAMAGE, CRACK AND LOOSENESS					-
	- ON				· 2 T/		· · · · · · · · · · · · · · · · · · ·		ומי		_	OF PARTS.	COCONIT	u 11 7	AE	_	
VIB⊢	RATION			FREQUENCY 10 TO 55 Hz, HALF AMPLITUDE 0.75 mm, FOR 10 CYCLES IN 3 DIRECTIONS.								NO ELECTRIO 1 μs.	CAL DISCONT	ΊΝυπ	Ƴ O⊦	×	-
			0.70	/l, . <u>-</u> .	110 -	, I C	J	0	IL			•	ESISTANCE:	50 m	ηΩ ΜΑΧ.	.	<u> </u>
SHO	CK			/s², DU					ms		(3) ₪	③ NO DAMAGE, CRACK AND LOOSENESS					
				TIMES								OF PARTS.	TION . (
FPC	RETEN	ISION FOR	CE MEASU						ΩNI.				INSERTION : ().4×n	N MIN.	×	-
			1.	(CONECTOR, FPC AT INITIAL CONDITION. THICKNESS OF FPC SHALL BE t=0.30mm)						,	(n	NUMBER OF	CONTACTS)				
<u>⊏N</u> /	VIRON	MENTAL	CHARAC				<u>-L U-</u>	I=0.00.	Шпу								
		NGE OF			RE-40-	→+15тс							ESISTANCE:		nΩ MAX.		
	IPERAT		TIME		30-	→ 2 то				3 min.	(2) II	NSULATION	RESISTANCE	E: 50 M			
¬^N/	IP HEAT		UNDER		CYCLE					!		③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					
	MP HEAT EADY ST			EXPOSED AT 40 ± 2 °C, RELATIVE HUMIDITY 90 TO 95 %, 96 h.						,	-	JF FALLO.				×	-
		T,CYCLIC	EXPOS	SED AT	T -10	ТО	+65 °	°C,			_		ESISTANCE:		nΩ MAX.	1 /	
				IVE HUN				۶%,		!	21		RESISTANCE	£: 1 N	⁄Ω MIN.		
			1001	CLES, T	IOIAL	- 240 11	1.			!	(3)	•	HUMIDITY) RESISTANCE	÷ 50 N	4Ω MIN.		
										1	1	(AT DRY)					
										1		NO DAMAGE OF PARTS.	, CRACK AND	LOO	SENESS	;	
DRY	/ HEAT		EXPOS	FD AT	85=	±2°C,	96	h.			+	ONTACT RE	SISTANCE:	50 n	nΩ MAX.	. ×	
											② N	NO DAMAGE	, CRACK AND			نا ۽	
COL			EXPUS	SED AT	-4u <u>-</u>	:3 ℃, ———	96 l	n.				OF PARTS.				X	<u> </u>
EM	MARKS			DRAWI					DRAWN	1	DESIGNED	CHECKED	APPI	ROVED	RELEA	ASED	
			•						l _{D.}	YAMAE	חם	T.MURAI	171	/ ۱۱	1 /1/		
									1			1.101010.	R. Takayoun	m. R	DKIGA 1		
l Ink	ace of	hannica g	pecified, re	-ofar to	- 115 (∩ 54(ഹ		U	4.03.2	25	04.03.25	04.03.25	106	ځير ډير	į	
			Test AT:As					able Tes	 ot		1_		Utiviri	Ur.	13. 2.		
Note		:Uamoa	1621 / 1	35414	B 100							PART	10 .				
ת	C.	HIROSE	ELECTRIC	c co.,	LTD.	St	PEC	IFIC/	4TR	ON S	βHΕ	CTI	12-**	S –	0.5S	H (5	5)
COD	E NO.(OL	LD)		DRAWIN	NG NO.						ODE		· · · · · · · · · · · · · · · · · · ·				1 /
CL		•	1	E	LC2	4 – 1	1502	229-	-51				CL 586			1	/2
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TO NC

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SPECIFICATIONS								
ITEM	TEST METHOD	REQUIREMENTS	QT	AT				
CORROSION SALT MIST	EXPOSED AT 35 ± 2 °C, 5 % SALT WATER SPRAY FOR 96 h.	① CONTACT RESISTANCE: 50 mΩ MAX.② NO EVIDENCE OF CORROSION WHICH	×					
SURPHUR DIOXIDE [JIS C 0090]	EXPOSED AT 40 ± 2 °C, RELATIVE HUMIDITY 80 ± 5 %, 25 ± 5 PPM FOR 96 h.	AFFECTS TO OPERATION OF CONNECTOR.	×					
HYDROGEN SULPHIDE [JIS C 0092]	EXPOSED AT 40 ± 2 °C, RELATIVE HUMIDITY 80 ± 5 %, 10 TO 15 PPM FOR 96 h.		×	_				
RESISTANCE TO SOLDERING 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. 2) SOLDERING IRONS : 350 ± 10 °C, FOR 5±1 sec.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	×					
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 235 \pm 5 °C, FOR IMMERSION DURATION, 2 \pm 0.5 sec.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	×					

₩ 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.

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
D.YAMADA 04.03.25	T.MURAI 04.03.25	0	ľ,	
	D.YAMADA	D.YAMADA T.MURAI	D.YAMADA T.MURAI R. Takayasın 04.03.25 04.03.25	D.YAMADA T.MURAI R. Takaysan m. Salida

PART NO. SPECIFICATION SHEET FH12 -* *S - 0.5SH (55) HIROSE ELECTRIC CO., LTD. DRAWING NO. CODE NO. CODE NO.(OLD)

ELC4 - 150229-51

FORM No.231-2

CL 586