	COUNT	JNT DESCRIPTION OF REV		REVISIONS BY		CHKD	DATE		COUNT	DES	CRIPTION (	OF REVISIONS	BY	CHKD	DAT	ſΕ
$\triangle$													<u> </u>			
$\triangle$	1												<u> </u>			
AP	PLICA	BLE STANI	DARD						LOTO							
_		OPERATING TEMPERATUR	₹E RANGE		-40 °	,C -	TO 85 °C	С		RAGE IPERATU	URE RANGE	₌  -10°CTO 5	50°C	(PACKED	CONDI	TION)
D.	TING					· \/					OR STORAGE	ΞE		-		
RATING VOLTAGE			_ '	E 50 V AC / DC HUM					RELATIVE HUMIDITY 90% MAX(NOT DEV				=WED)			
		CURREN		-					APP	LICABLE	LICABLE CABLE					-
CURREN			I .	T   % 0.5 A								t=0.3±0.05	, GO	LD PLAT	ΓED	
					-		SPECIF	ICA <sup>-</sup>	ΓΙΟΝ	IS						
		EM			TES	T ME	ETHOD				REC	QUIREMEN	TS		QT	AT
		UCTION	- It MOLIAE	· · · · · · · · · · · · · · · · · · ·	- 37/1		TOWN OWNER	TIME	- \ (T	14000	DDING TO	2 DE AVAGNIC			<del>1.,</del>	1
		EXAMINATION					JRING INSTE		NI.	ACCO	RDING TO	DRAWING.			×	X
	RKING		CONFIR		ISUAL	_LY.									×	×
		C CHARACT									== 0.17					
OC	TACT P	RESISTANCE	1 m	nA (DC	OR 10	Ĵ00 Hz	<u>z).</u>		,		50 mΩ M				×	$\times$
											INCLUDING FPC,FFC BULK RESISTANCE					
NSI	ULATION	NI	10	0 V DC.						(L	_=8mm) 500 MΩ N	MIN.			+	
RES	SISTANC	DE													×	×
/OL	TAGE P	ROOF	150	0 V AC	FOR 1	min.				NO FL	ASHOVEF	R OR BREAKD	OWN.		×	×
		ICAL CHAR														
	CHANICA		20 TIM	IES INS	SERTI	ONS /	AND EXTRAC	MOITS			① CONTACT RESISTANCE: 50 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				1 /	_
)PE	ERATION	1							,						<b>'</b>	
/IBI	RATION		FREQUI	REQUENCY 10 TO 55 Hz, HALF AMPLITUDE					.ITUDE						$+_{\times}$	_
							S IN 3 DIF		IONS.	1 μ	ıs.					
<u> </u>	OCK		1 001 m/	-2 DI	I IDAT	IONIO	EDIICE 6	me				ESISTANCE:			. ——	<b> </b>
SHC	JCK			981 m/s <sup>2</sup> , DURATION OF PULSE 6 ms AT 3 TIMES IN 3 DIRECTIONS.						③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				3   X	-	
FPC	RETEN	ISION FORCE								DIREC	DIRECTION OF INSERTION: 0.4×n N MIN.				1×	
							IAL CONDITION	ON.	,	(n : NUMBER OF CONTACTS)						
							LL BE t=0.30r	mm)		<u> </u>						
		MENTAL CI								10.00				- 14AV	<del></del>	
	PID CHAN MPERATI		TEMPER	RATURI						① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX. ② INSULATION RESISTANCE: $50 \text{ M}\Omega$ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS				1 /\	-	
L-14	If Livers	Jric	UNDER	5 (	OC CYCLE		3 7 UU -	٠,١٠								
	MP HEAT		EXPOSED AT 40±2 °C,						OF PARTS.				×			
•	EADY ST		RELATIVE HUMIDITY 90 TO 95 %, 96 h.						A	VITACT D	TOIOTANICE:	FOr		+.,	<u> </u>	
DAN	/IP HEA:	T,CYCLIC		EXPOSED AT -10 TO +65 °C, RELATIVE HUMIDITY 90 TO 96 %,						① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX. ② INSULATION RESISTANCE: $1 \text{ M}\Omega$ MIN.				1 /	-	
				10 CYCLES, TOTAL 240 h.					1	(AT HIGH HUMIDITY)						
										-		I RESISTANCE	£: 50 M	IΩ MIN.		
										1 '	(AT DRY) DAMAGE	E, CRACK AND	LOO	SENESS	3	
										OF	PARTS.					
DRY	Y HEAT		EXPOSE	EXPOSED AT 85±2 °C, 96 h.						1 ~		ESISTANCE:		nΩ MAX.	1 /\	T-
COL	_D		EXPOSE	ED AT	-40±	3 °C,	96 h.				DAMAGE PARTS.	E, CRACK AND	) LUU	SENESS	$  \times  $	
EN	MARKS		<u> </u>					$\top$	DRAWN		ESIGNED	CHECKED	APP'	ROVED	RELE	L ASED
-														111		
								D.	YAMA	DA T	.MURAI	RTILAND	), (	In Wida		
								0	4.03.2	25 0	4.03.25	R. Talzayan	M. IN	Den.	ĺ	
Unl	iess <u>ot</u> l	herwise spec	cified, re	efer to	JI <u>S</u> (	C 540	)2.		7.00			04.03.25	04.1	03.25		
Note	e QT:Q	Qualification Tes	st AT:As	surance	e Test	4:× i	Applicable Te	st								
	RS	HIROSE EL	FCTRIC	. co	LTD.	SF	PECIFICA	ATI(	S NC	HEE	TPART	<sup>NO.</sup> 112 –* *	<b>S</b> _	n 5S	<b>⊔</b> (5	5)
H				-						ODE NO		1/2 - ~ ~	<u> </u>	<u>U.JU</u>	11 (3	3)  4
<b>H</b>	<u> </u>	-51		~~~~~						スリカニ ロロ・	1.					1/
COE	DE NO.(OL	LD)		DRAWIN			150229-	51	1			CL 586			ì	\ /n

TO NC

	SPECIFICATION	IS		
ITEM	TEST METHOD	REQUIREMENTS	QT	ΑT
CORROSION SALT MIST	EXPOSED AT $35\pm2$ °C, 5 % SALT WATER SPRAY FOR 96 h.	<ul><li>① CONTACT RESISTANCE: 50 mΩ MAX.</li><li>② NO EVIDENCE OF CORROSION WHICH</li></ul>	×	-
SURPHUR DIOXIDE [ JIS C 0090 ]	EXPOSED AT $40\pm2$ °C, RELATIVE HUMIDITY $80\pm5$ %, $25\pm5$ PPM FOR $96$ h.	AFFECTS TO OPERATION OF CONNECTOR.	×	
HYDROGEN SULPHIDE [ JIS C 0092 ]	EXPOSED AT $40\pm2$ °C, RELATIVE HUMIDITY $80\pm5$ %, 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.	×	_

SET THE CURRENT TO THE 70 % OF THE RATED CURRENT VALUE.

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	D.YAMADA 04.03.25	T.MURAI 04.03.25	0	m. Isluda 04.03.25	

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

ELC4 - 150229-51

CL 586

TO NC

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FORM No.231-2