APPLIC	CABL	E STANI	DARD										
	OPERATING TEMPERATURE RANGE			-40 °C	TO 85 °C	TIEWII EIO (10 ICE 10 II			-10 °C TO 50 °C (PACKED CONDITION)				
RATING	VOLTAGE CURRENT			50 V AC / DC		OPERATING OR ST HUMIDITY RANGE			RELATIVE HUMIDITY 90 % MAX (NOT DEV				
						APPLICA	APPLICABLE CABLE		CONDUCTOR END: $t=0.3\pm0.05$ mm, GOLD P GROUND PLATE: $t=0.5\pm0.05$ mm, TIN PLAT				
	1				SPF	CIFIC	OITA	งร			· · · · · · · · · · · · · · · · · · ·		
	ITEN	Λ.			TEST METHOD		7 (1101			DEOLL	REMENTS	QT	ТАТ
CONST		CTION			TEST WILTHOU	,				\LQ0	IKLIVILIV13	العا	1 ^1
			VISUAL	Y AND BY	MEASURING II	NSTRUME	NT.	ACCO	RDING T	O DR	AWING	×	×
MARKING			CONFIR	MED VISU	ALLY.							×	^
FLECT	RIC	CHARA	L CTERI	STICS				1				1 ~	1 ^
VOLTAGE				C FOR 1 mi	n.			NO FL	ASHOVE	ROR	BREAKDOWN.	×	T×
INSULATI			100 V DC.				500 Ms	Ω MIN.			×	T <sub>x</sub>	
RESISTAI			100 4 50.										Ĺ
CONTAC	TRES	SISTANCE	AC 20 mV MAX (1 KHz), 1 mA.				100 mg	$\Omega$ MAX.			×	×	
									C BUL	K RESISTANCE			
								(L=8mm	1)				
		CAL CHA				E 41451 I		I					
VIBRATIC	NΟ				TO 55 Hz, HAL		IUDE	① NO ELECTRICAL DISCONTINUITY OF 1 μs.				×	-
			0.75 mm, — m/s <sup>2</sup> FOR 10 CYCLES IN 3 DIRECTIONS.				② CONTACT RESISTANCE: 100 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS						
SHOCK			981 m/s <sup>2</sup> , DURATION OF PULSE 6 ms										
			AT 3 TIMES IN 3 DIRECTIONS.					OF PARTS.					
MECHAN OPERATI			20 TIMES INSERTIONS AND EXTRACTIONS.				<ul> <li>① CONTACT RESISTANCE: 100 mΩ MAX.</li> <li>② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ul>				×	-	
FEC BET	ENISIO	NI FORCE	MEASII	RED BY AP	DI ICARI E EDC					INICE	RTION: 0.3N×n MIN.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-
			MEASURED BY APPLICABLE FPC. (THICKNESS OF FFC SHALL BE t=0.30mm AT CONDUCTOR END, t=0.50mm AT GROUND PLATE AT INITIAL CONDITION.)				Z. Z			×			
ENVIR	ONN	/IENTAL						1				1	1
RAPID CH					)→+15⊤○+35→-	+85→+15⊤	-o+35°C	① CO	NTACT R	RESIS	ΓΑΝCE: 100 mΩ MAX.	×	Ι_
TEMPERATURE			TIME $30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3 \text{ min}$ UNDER 5 CYCLES.				<ul><li>② INSULATION RESISTANCE: 50 MΩ MIN.</li><li>③ NO DAMAGE, CRACK AND LOOSENESS</li></ul>						
DAMP HE	EAT		EXPOSED AT 40±2°C,				OF PARTS.				×	+=	
(STEADY		•	RELATIVE HUMIDITY 90 TO 95 %, 96 h.										
DAMP HE	EAT,C	YCLIC	EXPOSED AT -10 TO +65 °C,					① CONTACT RESISTANCE: 100 mΩ MAX.				×	-
			RELATIVE HUMIDITY 90 TO 96 %, 10 CYCLES,TOTAL 240 h.				<ul> <li>(② INSULATION RESISTANCE: 1 MΩ MIN.         (AT HIGH HUMIDITY)</li> <li>(③ INSULATION RESISTANCE: 50 MΩ MIN.         (AT DRY)</li> <li>(④ NO DAMAGE, CRACK AND LOOSENESS</li> </ul>						
		OF PARTS.											
DRY HEAT		EXPOSED AT 85±2 °C, 96 h.				① CONTACT RESISTANCE: 100 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS				×	ᆣ		
COLD		EXPOSED AT -40±3°C, 96 h.					OF PARTS.				×	-	
(COI	UNT	DE	SCRIPT	ION OF RE	VISIONS		DESIG	NED			CHECKED	DA	TE
<u>  O  </u> REMAR	K	1							APPRO	VEDI	MO. ISHIDA	10.0	16 AS
							CHECKED DESIGNED		YN. TAKASHITA	10.0			
									SJ. OKAMURA				
Unless otherwise specified, refer to JIS C 5402.						<del> </del>			SJ. OKAMURA	10.06.0			
<u> </u>					Tost	BE		FI 04 000000					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				ıest	PART NO.		FIL40 0 0 F0		ELC4-332362 FH48-**S-0. 5SV	-00			
			PECIFICATION SHEET ROSE ELECTRIC CO., LTD.									Δ	1/2
FORM UDOO11 0 1			OUL LELOTING GO., LTD.				CODE NO.		ULUOU Z			<u>' ' ' '</u>	1/2

SPECIFICATIONS									
ITEM	TEST METHOD	REQUIREMENTS	QT	АТ					
CORROSION SALT MIST	EXPOSED AT $35\pm2^{\circ}\text{C}$ , $5$ % SALT WATER SPRAY FOR 96 h.	<ol> <li>CONTACT RESISTANCE: 100 mΩ MAX.</li> <li>NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF</li> </ol>	×	_					
SURPHUR DIOXIDE [JIS C 0090]	EXPOSED AT 40±2 °C , RELATIVE HUMIDITY 80±5% ,25±5 PPM FOR 96 h.	CONNECTOR.  ③ NO DAMAGE, CRACK AND LOOSENESS  OF PARTS.	×	_					
HYDROGEN SULPHIDE EXPOSED AT $40\pm2$ °C , RELATIVE HUMIDITY [JIS C 0092] $80\pm5\%$ ,10 $\sim$ 15 PPM FOR 96 h.									
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 245 $\pm 5  ^{\circ}\text{C}$ FOR IMMERSION DURATION, $2 \pm 0.5  \text{sec.}$	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)

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 QT:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.		ELC4-332362-00		
HRS	SPECIFICATION SHEET	PART NO.	FH48-**S-0.5SV			
	HIROSE ELECTRIC CO., LTD.	CODE NO		CL580	Δ	2/2