APPLICA	BLE STAN	IDARD								
	OPERATING TEMPERATURE RANGE VOLTAGE CURRENT		30 V AC / DC TEN		TEM	RAGE IPERATURE RANGE		-10°CTO50°C(PACKEDO		TION;
RATING					OPERATING OR STOR			RELATIVE HUMIDITY 90 % MAX	NOT DEWED	
			U.15 A			LICABLE CABLE t =0.3 \pm 0.05mm, GOLD			LATII	٧G
			SPEC	IFIC	<u>ATIO</u>	<u>NS</u>				
	ГЕМ		TEST METHOD				RE	QUIREMENTS	QT	Α
	RUCTION		/ A L L D D / A L D A L			1.000				
	EXAMINATIO		Y AND BY MEASURING IN	ISTRUM	IENI.	ACCO	RDING TO	DRAWING.	×	×
MARKING	10 0114 0		MED VISUALLY.						×	>
	IC CHAR					150 m() MAY		Ι	Τ.
CONTACT RESISTANCE		IIIIA(DC (1mA(DC OR 1000Hz).			150 mΩ MAX. INCLUDING FPC, BULK RESISTANCE			×	>
INSULATION RESISTANCE		100 V DC	100 V DC.			(L=8mm) 500 MΩ MIN.			×	>
VOLTAGE PROOF		90 V AC F	90 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.				>
MECHAN	VICAL CH	ARACTE	RISTICS			*			•	
MECHANICAL OPERATION			20 TIMES INSERTIONS AND EXTRACTIONS.			 CONTACT RESISTANCE: 150 mΩ MAX. NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 			×	-
VIBRATION		0.75 mm,	FREQUENCY 10 TO 55 Hz, HALF AMPLITUDE 0.75 mm, FOR 10 CYCLES IN 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs.			×	[-
SHOCK			981 m/s ² , DURATION OF PULSE 6 ms AT 3 TIMES IN 3 DIRECTIONS.			② CONTACT RESISTANCE: 150 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	-
FPC RETEN	ISION FORC	(CONNEC	MEASURED BY APPLICABLE FPC. CONNECTOR,FPC AT INITIAL CONDITION. FHICKNESS OF FPC SHALL BE t=0.30mm)			DIRECTION OF INSERTION: 24 N MIN			×	-
FN\/IRO	NMFNTA		ACTERISTICS).30HHH)	,					<u> </u>
			TEMPERATURE-40→+15To+35→+85→+15To+35°C			① CO	NTACT RE	SISTANCE: 150 mΩ MAX.	Τ×	Τ_
TEMPERATURE		TIME UNDER	TIME $30 \rightarrow 2 \text{ TO } 3 \rightarrow 30 \rightarrow 2 \text{ TO } 3 \text{ min.}$ UNDER 5 CYCLES.			② INSULATION RESISTANCE: 50 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS				
DAMP HEAT (STEADY STATE)			EXPOSED AT 40±2 °C, RELATIVE HUMIDITY 90 TO 95 %, 96 h.			OF PARTS.			×	-
DAMP HEA ⁻	I,CYCLIC	RELATI	EXPOSED AT -10 TO +65 °C, RELATIVE HUMIDITY 90 TO 96 %, 0 CYCLES,TOTAL 240 h.			 CONTACT RESISTANCE: 150 mΩ MAX. INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) INSULATION RESISTANCE: 50 MΩ MIN. (AT DRY) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 			×	
DRY HEAT		EXPOSE	OSED AT 85±2 °C, 96 h.			① CONTACT RESISTANCE: 150 mΩ MAX.				-
COLD		EXPOSE	OSED AT -40±3°C, 96 h.			 NO DAMAGE, CRACK AND LOOSENESS OF PARTS. CONTACT RESISTANCE: 150 mΩ MAX. NO EVIDENCE OF CORROSION WHICH 				† -
CORROSION SALT MIST		EXPOSE FOR 96 h	SED AT 35±2 °C 5% SALT WATER SPLAY 6 h.							-
SURPHUR DIOXIDE [JIS C 0090]		EXPOSE	SED AT 40±2 °C , RELATIVE HUMIDITY , , 25±5 PPM FOR 96 h.			AFF		OPERATION OF	×	-
HYDROGEN	SULPHIDE [JIS C 009	I	DAT 40±2 °C , RELATIVE 10 TO 15 PPM FOR 96 I		TY				×	-
COUN	Т	ESCRIPTIO	ON OF REVISIONS		DESIG	SNED		CHECKED	DA	TE
Ø										
REMARK			fied_refer_to_US_C 5402			APPROVEI CHECKED DESIGNED DRAWN			06.0	
									06.0	
									06.04. I 06.04.	
Unless otherwise specified, refer to JIS C 5402.			_	E1.04.4E				14.2		
			AT:Assurance Test X:Applicable Test			DRAWING NO. ART NO.		ELC4-154192-01 FH30-80S-0. 3SHW (05)		
HS.			CATION SHEET ECTRIC CO., LTD.		CODE NO.			·		1/:
ORM HDOO11-		OUL LL		•	CODE	INU.	ULO	00 0100 4 00	Δ	17

SPECIFICATIONS								
ITEM	TEST METHOD	REQUIREMENTS	QT	АТ				
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. SOLDERING IRONS: 350 ± 10 °C,	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	×	_				
COLDEDADILITY	FOR 5±1 sec.	A NIEW UNIEGOM COATING OF SOLDED						
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.	×	_				

Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWIN	IG NO.	ELC4-154192-01		
HRS	SPECIFICATION SHEET	PART NO.	FH30-80S-0.3SHW(05)			
210	HIROSE ELECTRIC CO., LTD.	CODE NO	CL580	0-0100-4-05	Δ	2/2