APPLICA		TANDARD	USB2.0 SPECIFICATION A	AND MIC		LE AND CON		N.		
	OPERATING TEMPERATURE RANGE		-30 °C TO +85°C STORAGE -30°C TO +85°C TEMPERATURE RANGE							
RATING	VOLTAGE		30V AC		OPERATING RANGE	G HUMIDITY	— % TO — %			
	CURRENT		① 1 A/pin		APPLICABL	E CABLE	USB CABLE			
		AL ONLY	② 1.8 A/pin (PIN No.1,5)				① SIGNAL : AWG 28 MAX			
	2) POWER APPLY		0.5 A/pin (PIN No.2—4)		② POWER : AWG 26 MAX					
			SPEC	IFIC/	ATIONS					
IT	EM		TEST METHOD			REG	QUIREMENTS	QT	АТ	
CONSTR	UCTIO	ON	<u></u>		I				ı	
GENERAL EX			VISUALLY AND BY MEASURING INSTRUMENT			ACCORDING TO DRAWING.			Χ	
MARKING		CONFIRM	CONFIRMED VISUALLY.					X	X	
ELECTR	ICAL C	CHARACTE	RISTICS						l .	
CONTACT RESISTANCE			100 mA (DC OR 1000 Hz).			30 mΩ MAX.			Х	
INSULATION RESISTANCE		NCE 500 V DC.	500 V DC.			100 MΩ MIN.			Х	
VOLTAGE PROOF		100 V AC	100 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			Х	
CAPASITANC	E	MEASURE	MEASURE ADJACENT TWO CONTACTS AT			2 pF MAX			_	
			Hz AC VOLTAGE					\perp		
_	_	CHARACTI						X		
INSERTION AND WITHDRAWAL FORCES			A MAXIMUM RATE OF 12.5 mm/min. MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE 35 N MAX. WITHDRAWAL FORCE 8 N MIN.			_	
MECHANICAL OPERATION			10000 TIMES INSERTIONS AND EXTRACTIONS.			CONTACT RESISTANCE: NO INCREASE OF			_	
						MORE THAN 10 mΩ FROM INITIAL VALUE. 2) INSERTION FORCE 35 NMAX. WITHDRAWAL FORCE 8 N MIN.				
			MATING SPEED - MECHANICALLY OPERATED: 500 CYCLES / h							
			- MANUALLY OPERATED: 200 CYCLES / h			3) NO DAMAGE, CRACK AND LOOSENESS OF				
						RTS.		X		
RADOM VIBRATION SHOCK			FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h,			NO ELECTRICAL DISCONTINUITY OF 1 µs. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			_	
			FOR 3 DIRECTIONS, TOTAL 6 h.							
		FREQUEN	FREQUENCY 50 TO 2000 Hz, AT 15 min,						_	
			FOR 3 DIRECTIONS.							
			490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS, TOTAL 18 TIMES.					X		
	/IV/I=VI		ACTERISTICS	_ 16 TIIVIES	5.				_	
THERMAL SH				. 15 TO 25	: °C	NITACT DECI	STANCE: 70 mΩ MAX.	\neg	1	
		TIME	TEMPERATURE -55 \rightarrow 15 TO 35 \rightarrow 85 \rightarrow 15 TO 3 TIME 30 \rightarrow 2 TO 3 \rightarrow 30 \rightarrow 2 TO 3 min UNDER 10 CYCLES.				SISTANCE: 10 MΩ MIN.	Х	_	
		UNDER 1				3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
		,	(MATING APPLICABLE CONNECTOR)							
HUMIDITY LIFE			TEMPERATURE -10 TO 65 °C, HUMIDITY 90 TO 9 UNDER 7 CYCLES. (168h)			6, NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			_	
			APPLICABLE CONNECTOR)		PART	5.		X		
DRY HEAT COLD		`	EXPOSED AT +85±2 °C, 96 h.					X		
		(MATING	(MATING APPLICABLE CONNECTOR)						_	
			EXPOSED AT -40±2 °C, 96 h.					Х		
			(MATING APPLICABLE CONNECTOR)			- AV AV AODDO	Olon	X	_	
CORROSION SALT MIST RESISTANCE TO			EXPOSED IN 5 % SALT WATER, 35 °C FOR 48±4 h. TEMPERATURE: 350±10 °C			NO HEAVY CORROSION. NO DAMAGE, CRACK AND LOOSENESS			-	
SOLDERING HEAT			TIME: 5±1 sec AT SOLDERING PARTS			OF PARTS.				
SOLDERING I	TEAT	THVIE. 3±1	Set AT SOLDERING FARTS		OF FA					
COUN 1	Т		DESCRIPTION OF REVISIONS DIS-E-00000492		DESIGNED TS. 1T0		CHECKED NM. NISHIMATSU		DATE 16. 03. 03	
REMARKS		חוס-	DIO L UUUUUHAZ		10. 110	APPROVE				
		uarantee the	ntee the performance on these specific					15. 10. 27 15. 10. 27		
	_		ited with the others which is not HIROSE			DESIGNE		15. 10. 27		
•			ified, refer to USB2.0, EIA364 or IEC 605			DRAWN	AK. AKIYAMA	-	0. 27	
•		•					ELC-126085-30-0		υ. <i>Δ1</i>	
	ualificatio	alification Test AT:Assurance Test X:Applicable Test						<u> </u>		
HS.		SPECIFICATION SHEET			PART NO.					
		HIROSE ELECTRIC CO., LTD.			CODE NO.	E NO. CL242-0012-8-30 A 1/1				