APPLICA	BLE S	TAND	ARD										
OPERATING TEMPERATUR			40°C TO 10E°C		°C	STORAGE TEMPERAT		IRF RANG	3F	-40°C TO +85°C			
RATING	POWE			2 W CW		CHARACTER		RISTIC		50Ω (DC TO 13.0 GHz)			
	OPERATING RELATIVE HUMIDITY			OFO/ MAY			D N.D.I			<u> </u>			
	IKELATI	VE HUM	א ווטוו		IFICA		NECTOF	τ					
	EM			SPECIFICATIO TEST METHOD			REQUIREMENTS				Тат	ТАТ	
CONSTRUCTION				1E21 METHOD			REQUIREMENTS				الاا	AI	
			VISUALLY	SUALLY AND BY MEASURING INSTRUMENT.				DING TO	DRAW	VING.	X	Х	
MARKING			CONFIRMED VISUALLY.								X	X	
ELECTR	IC CH	ARAC	TERIS	STICS									
V.S.W.R.			MUST BE UNDER THE STD.VALUE					MAXIMUM OF 1.15					
			AT FREQENCY DC TO 2.0 GHz MUST BE UNDER THE STD.VALUE								×		
		,	AT FREQENCY 2.0 TO 4.0 GHz				MAXIMUM OF 1.20					X	
			MUST BE UNDER THE STD.VALUE AT FREQENCY 4.0 TO 13.0 GHz				MAXIMUM OF 1.25						
			MUST BE UNDER THE STD.VALUE				19.5 TO 20.5 dB.						
			AT FREQENCY DC TO 2.0 GHz				19.5 TO 20.5 GB.						
ATTENUATION			MUST BE UNDER THE STD.VALUE AT FREQENCY 2.0 TO 4.0 GHz				19.5 TO 20.8 dB				X	X	
			MUST BE UNDER THE STD.VALUE				19.3 TO 21.2 dB						
MECHAN	ΠΟΔΙ			ENCY 4.0 TO 13.0 GH ERISTICS	Z								
IVILOTIAL	NICAL						1)ELEC	CTRICAL	_ CHA	RACTERISTIC			
VIBRATION			FREQUENCY 10 TO 2000 Hz, TOTAL AMPLITUDE 1.52 mm, 98 m/s <sup>2</sup>				SHALL BE MET.						
			AT 4 HOURS FOR 3 DIRECTIONS.				②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.				X	_	
SHOCK DURA			ACCELE	CELERATION: 490 m/s <sup>2</sup>				①ELECTRICAL CHARACTERISTIC					
			DURATION: 11 ms, HALF SINE WAVE 3 BOTH AXIAL DIRECTIONS, 3 TIMES EACH				SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS,				X	_	
ENN/1001	18 4 E S I				ES EACH		1	PARTS.					
ENVIROI	NIVIEN			ACTERISTICS			I						
MOISTURE TOTAL RESISTANCE THEN AMBIE  THERMAL SHOCK TEST:  OR TV			EXPOSE TO -10 TO 65 $^{\circ}$ C, 80 ~ 98 %, TOTAL 10 CYCLES(240 h).				①ELECTRICAL CHARACTERISTIC SHALL BE MET.						
			THEN LEAVE IT FOR ONE HOUR OR TWO IN THE AMBIENT TEMPERATURE AND HUMIDITY.				②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.				X	_	
				RATURE-58~-55→20~35→85~88→20~35°C				①ELECTRICAL CHARACTERISTIC				_	
			TIME $30 \rightarrow 5 \rightarrow 30 \rightarrow 5 \text{ min}$ TEST 5 CYCLES AND LEAVE IT FOR ONE HOUR OR TWO.  SALT SOLUTION CONCENTRATION 5%				SHALL BE MET.  ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.  NO CORROSION WHICH AFFECTS THE				X		
(CORROSION)			SALT SOLUTION CONCENTRATION 5% SALT WATER SPRAY FOR 48 HOURS.				OPERATION OF COMPONENT.				X	-	
COUN	Т	DES	SCRIPTIO	RIPTION OF REVISIONS DESI			GNED CHECKED				D/	DATE	
<b>&amp;</b>													
REMARK ROHS COI	MDI IAN	JT					APPROV CHECKI			MT. SHIBUTANI	12. 02. 01 12. 02. 01		
Unless otherwise specified, re				efer to MIL-STD-202.			DESIGNED			KY. SHIMIZU TK. SAWAGUCHI	+	02. 01 01. 30	
										TK. SAWAGUCHI	12. 01. 30		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test						Di	RAWING NO. ELC4-030148				, , , , , ,		
	uamicali						RT NO.			AT-420 (40)			
<b>HS</b>		SPECIFICATION SHEET HIROSE ELECTRIC CO., LTD.						, ,			<u>^</u>	1/1	
			COSE ELECTRIC CO., LTD.			CODE NO.		CL354-0036-4-40			Δ	1/1	