



APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C	STORAGE TEMPERATURE RANGE	-40°C TO +85°C		
	POWER	0.5 W (AT 65°C)	CHARACTERISTIC IMPEDANCE	50 Ω ( DC TO 3.0 GHz)		
	OPERATING RELATIVE HUMIDITY	95% MAX	USED CONNECTOR	BNC-P		
SPECIFICATIONS						
ITEM		TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X
MARKING		CONFIRMED VISUALLY.			X	X
ELECTRIC CHARACTERISTICS						
V.S.W.R.	MUST BE UNDER THE STD.VALUE AT FREQUENCY DC TO 1.0 GHz		MAXIMUM OF 1.10		X	X
	MUST BE UNDER THE STD.VALUE AT FREQUENCY 1.0 TO 3.0 GHz		MAXIMUM OF 1.20			
RESISTANCE VALUE		MEASURE THE RESISTANCE VALUE AT DC1V.		48 TO 52 Ω	X	X
MECHANICAL CHARACTERISTICS						
VIBRATION		FREQUENCY 10 TO 2000 Hz, TOTAL AMPLITUDE 1.52 mm, 98 m/s <sup>2</sup> AT 4 HOURS FOR 3 DIRECTIONS.		①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	—
SHOCK		ACCELERATION : 490 m/s <sup>2</sup> DURATION : 11 ms , HALF SINE WAVE 3 BOTH AXIAL DIRECTIONS, 3 TIMES EACH		①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	—
ENVIRONMENTAL CHARACTERISTICS						
THERMAL SHOCK		TEMPERATURE-58~-55→20~35→85~88→20~35°C TIME 30 → 5 → 30 → 5 min TEST 5 CYCLES AND LEAVE IT FOR ONE HOUR OR TWO.		①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
①						
REMARK				APPROVED	MT. SHIBUTANI	12. 04. 20
(1) ROHS COMPLIANT				CHECKED	TK. SAWAGUCHI	12. 04. 20
(2)USE LEAD FREE SOLDER(Sn3.0Ag0.5Cu)				DESIGNED	KY. SHIMIZU	12. 04. 19
Unless otherwise specified, refer to MIL-STD-202.				DRAWN	KY. SHIMIZU	12. 04. 19
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-030426-01	
	SPECIFICATION SHEET		PART NO.	BNC-TMP-05 (50)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL353-0094-4-50		1/1