APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	−40℃ TO +70℃	STORAGE TEMPERATURE RANGE	−40℃ TO +70℃
	POWER	2 W	CHARACTERISTIC IMPEDANCE	50Ω (DC TO 12.5 GHz)
	MAXIMUM CONTINUOS VOLTAGE	DC60V	DC DISCHARGE INCEPTION VOLTAGE	150 TO 500VMAX (100V/s)
	RATED CURRENT	DC0.5A	IMPULSE SPARKOVER VOLTAGE	700VMAX (1kV/μs)
	OPERATING RELATIVE HUMIDITY	96% MAX(NO CONDENSATION)	USED CONNECTOR	N-P, N-J

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 FREQENCY DC TO 6 GHz	1.3 MAX	X	X
	MUST BE UNDER THE STD.VALUE AT FREQENCY 6 TO 12.5 GHz	1.4 MAX		
INSERTION LOSS	MUST BE UNDER THE STD.VALUE AT FREQENCY DC TO 6 GHz	0.3 dB .MAX	X	X
	MUST BE UNDER THE STD.VALUE AT FREQENCY 6 TO 12.5 GHz	0.5 dB MAX		
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	100 TIMES INSERTIONS AND EXTRACTIONS	①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	–
VIBRATION	FREQUENCY 10 TO 2000 Hz, TOTAL AMPLITUDE 1.52 mm, 196 m/s^2 AT 4 HOURS, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	–
SHOCK	490 m/s^2 AT 10 TIMES FOR 3 DIRECTIONS.	NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	–
ENVIRONMENTAL CHARACTERISTICS				
MOISTURE RESISTANCE	EXPOSE TO -10~+65 ℃, 80 ~ 100 %, 10CICLES (240 HOURS.) THEN LEAVE IT FOR ONE HOUR OR TWO IN THE AMBIENT TEMPERATURE AND HUMIDITY.	①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	–
RAPID CHANGE OF TEMPERATURE	TEMPERATURE-58～-55→20～35→85～88→20～35℃ TIME 30 → 5MAX → 30 → 5MAX 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	–
HIGH TEMPERATURE STORAGE TEST	EXPOSE TO +85±2 ℃ FOR 96 HOURS..	①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	–
LOW TEMPERATURE STORAGE TEST	EXPOSE TO -55±3 ℃ FOR 96HOURS..	①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	–
SALT SPRAY (CORROSION)	EXPOSE TO 5 % SALT WATER SPRAY FOR 48 HOURS.	NO CORROSION WHICH AFFECTS THE OPERATION OF COMPONENT.	X	–
SURGE IMMUNITY TEST	IEC61000-4-5 ED2 LEVEL4 APPLY COMBINATION WAVE(1.2/50μs,8/20μs) ±4kV ,5 EACH TIMES	NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	–
DC DISCHARGE INCEPTION VOLTAGE	APPLY VOLTAGE 400VDC BETWEEN CENTER AND OUTER CONDUCTOR.	MUST BE DISCHARGE ELECTRICITY.	X	X

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠0					

REMARK
(1)RoHS COMPLIANT
(2)NOT INCLUDE THE ADAPTER LOSS IN INSERTION LOSS.
Unless otherwise specified, refer to MIL-STD-202.

APPROVED	MT. SHIBUTANI	14. 01. 27
CHECKED	TK. SAWAGUCHI	14. 01. 27
DESIGNED	KY. SHIMIZU	14. 01. 27
DRAWN	KY. SHIMIZU	14. 01. 27

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC4-178790-00

HRS	SPECIFICATION SHEET	PART NO.	CP-N-PJG-3	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL355-0131-1-00 ⚠0	1/1

FORM HD0011-2-1