APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-10℃ TO +65℃	STORAGE TEMPERATURE RANGE	-10℃ TO +65℃
	POWER	2 W	CHARACTERISTIC IMPEDANCE	50Ω (DC TO 13 GHz)
	OPERATING RELATIVE HUMIDITY	95% MAX	USED CONNECTOR	N−P・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 2.0 GHz	MAXIMUM OF 1.15	X	X
	MUST BE UNDER THE STD.VALUE AT FREQENCY 2.0 TO 4.0 GHz	MAXIMUM OF 1.20		
	MUST BE UNDER THE STD.VALUE AT FREQENCY 4.0 TO 13.0 GHz	MAXIMUM OF 1.25		
ATTENUATION	MUST BE UNDER THE STD.VALUE AT FREQENCY DC TO 2.0 GHz	4.7 TO 5.3 dB.	X	X
	MUST BE UNDER THE STD.VALUE AT FREQENCY 2.0 TO 4.0 GHz	4.7 TO 5.5 dB.		
	MUST BE UNDER THE STD.VALUE AT FREQENCY 4.0 TO 13.0 GHz	4.3 TO 6.2 dB.		
ISOLATION	MUST BE UNDER THE STD.VALUE AT FREQENCY TO MHz	MINIIMUM OF dB.	—	—
INSULATION RESISTANCE	MUST BE OVER STANDARD VALUE AT DC V.	MINIMUM OF MΩ	—	—
RESISTANCE VALUE	MEASURE THE RESISTANCE VALUE AT DC1V.	Ω ± %	—	—
MECHANICAL CHARACTERISTICS				
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	APPLYING A PULL FORCE THE CABLE AXIALLY AT N MAX.	①NO WITHDRAWAL AND BREAKAGE OF CABLE. ②NO BREAKAGE OF CLAMP.	–	–
VIBRATION	FREQUENCY 10 TO 2000 Hz, SINGLE AMPLITUDE 0.75 mm, 98 m/s^2 AT 10 CYCLES, FOR 3 DIRECTIONS.	①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	–
SHOCK	490 m/s^2 AT 3 TIMES FOR 6 DIRECTIONS.	①ELECTRICAL CHARACTERISTIC SHALL BE MET. ②NO DAMAGE, CRACK, AND LOOSENESS, OF PARTS.	X	–
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT, CYCLIC	EXPOSED AT -10 TO +65 ℃, 90 ~ 96 %, TOTAL 10 CYCLES (240 h) 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～-52→5～35→83～87→5～35℃ TIME 30 → 3 → 30 → 3 min TEST 100 CYCLES AND LEAVE IT FOR ONE HOUR OR TWO.	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	–

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
Ø					

REMARK

Unless otherwise specified, refer to JIS C 5402.

APPROVED	KJ.KAWAMURA	06.09.26
CHECKED	RZ.KANO	06.09.26
DESIGNED	RI.SATO	06.09.25
DRAWN	RI.SATO	06.09.25

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

DRAWING NO. ELC4-030817-01

HRS	SPECIFICATION SHEET	PART NO.	AT-405(40)[F]	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL354-0177-6-40	1/1

FORM HD0011-2-1