APPLI		E STANI	DARD												
RATING	TE	PERATING EMPERATUR	E RANGE				RAGE PERATURE RANGE			2> -25 °C TO			ТО	60 °(С
KATING		OLTAGE						RRENT 500m A							
				SPEC	IFICA	101T	NS								
ITEM			TEST METHOD					REQUIREMENTS						QT	АТ
CONSTRUCTION															
GENERAL EXAMINATION			VISUALLY AND BY MEASURING INSTRUMENT.					ACCORDING TO DRAWING.							X
MARKING		CHADA		MED VISUALLY.										Χ	Χ
ELECTRIC CHARA CONTACT RESISTANCE			100 mA MAX (DC OR 1000 Hz).					230 mΩ MAX.							Х
			PLUG 100mm MODULAR CABLE RECEPTACLE MEASUREMENT POINT (ONE EXAMPLE OF CONNECTOR CONFIGURTION IS SHOWN.)											X	
INSULATION RESISTANCE			100 V DC.					100 MΩ MIN.						Χ	Х
VOLTAGE PROOF			500 V AC FOR 1 min.					ASHOVE	R OR E	BREAKDO	WN.			X	X
MECH	HANIC	CAL CHA	RACTE	RISTICS											I
MECHANICAL OPERATION			200 TIMES INSERTIONS AND EXTRACTIONS.					1)CONTACT RESISTANCE: 250 mΩ MAX. 2)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.							_
VIBRATION			FREQUENCY 10 TO 55 Hz, HALF AMPLITUDE							SCONTINU				Χ	_
SHOCK			0.75 mm, AT 2 h FOR 3 DIRECTIONS. 490 m/s² DURATION OF PULSE 11 ms					2)CONTACT RESISTANCE: 250 mΩ MAX. 3)NO DAMAGE, CRACK AND LOOSENESS						Х	
ONOOK			AT 3 TIMES FOR 3 DIRECTIONS.					PARTS.	, 0.0.0		7002			^	_
ENVIF	RONN	/IENTAL	CHARA	ACTERISTICS											
DAMP HEAT (STEADY STATE)			EXPOSED AT +40 °C, 90 ~ 95 %, 500 h.					1)CONTACT RESISTANCE: 250 mΩ MAX. 2)INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) 10 MΩ MIN. (AT DRY) 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						X	_
RAPID CHANGE OF TEMPERATURE			TEMPERATURE $-55\pm3 \rightarrow 5$ TO $35 \rightarrow 85\pm2 \rightarrow 5$ TO 35 °C TIME 30 to $35 \rightarrow 5$ MAX \rightarrow 30 to $35 \rightarrow 5$ MAX min UNDER 5 CYCLES.				1)CONTACT RESISTANCE: $250~\text{m}\Omega$ MAX. 2)INSULATION RESISTANCE: $100~\text{M}\Omega$ MIN. 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.							X	-
CORROSION SALT MIST			EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.					1)CONTACT RESISTANCE: 250 m Ω MAX. 2)NO HEAVY CORROSION.						Χ	_
RESISTANCE TO			SOLDER TEMPERATURE, 260 ± 5 °C FOR IMMERSION,					NO DEFORMATION OF CASE AND EXCESSIVE							_
SOLDERING HEAT			DURATION 10±1 s. (FLOW)					LOOSENESS OF THE TERMINALS.							
SOLDERABILITY			SOLDERED AT SOLDER TEMPERATURE, 245±2 °C FOR IMMERSION, DURATION 3±1 s. (FLOW)					MIN. 95 % OF SOLDER IMMERSED AREA SHALL BE COVERED NEW SOLDER COATING.							_
1		OPERATION URRENT CA	TEMPERA	TURE INCLUDES THE RISE	2>5	FOR UN	GE TEM IUSED F V THE C	PERATU PRODUC	IRE RA TS INC NG TEI	NGE SHO' LUDING P MPERATU	WS S	STORAGING MAT	E CON	LS.	
CC	COUNT DESCRIPTION OF REVISIONS				ı	DESIG	INED			CHECKED				DA	TE
2			DIS-E-00002730				T0	APPROVED CHECKED						2019	1202
REMARK							2015						0918		
														2015	0918
								DESIGNED			TS. ITO			2015	0918
Unless	other	wise spec	cified, refer to IEC 60512. 🛆				DRAWN			TS. ITO				2015	0918
Note Q	QT:Qual	ification Tes	st AT:Assurance Test X:Applicable Test				AWING NO.			ELC-025823-50)–01	
R	5	SF	SPECIFICATION SHEET PAR						TM11R-5C-88 (50)						
HIR			OSE ELECTRIC CO., LTD.			CODE	NO.	CL222-1378-0			-0-	0-50			1/1