APPLICABL	.E STANDAR	D								
	OPERATING TEMPERATURE RANGE		-55 °C to 85 °C ⁽¹⁾ HL				G RANGE	RELATIVE HUMIDITY	95 % N	IAX ⁽³
RATING	VOLTAGE		50 V AC		TEN		URE RANGE	–10 °C to 60 °C $^{\scriptscriptstyle (2)}$		
	CURRENT					TORAGE 40 % to 70 9		» ⁽²⁾		
			SPEC	CIFICA	TIONS					
I	ΓEM		TEST METHOD				REQI	UIREMENTS	QT	A
CONSTRUCT	ION	•								
GENERAL EXAN	MINATION	VISUALL	Y AND BY MEASURING INSTRU	JMENT.		ACCOR	DING TO DRAW	VING.	×	×
MARKING		CONFIRMED VISUALLY.							×	>
ELECTRIC	CHARACTERI	STICS								
CONTACT RESISTANCE		100 mA(DC OR 1000 Hz)				60 mΩ MAX.			×	-
INSULATION RESISTANCE		100 V DC.				100 MΩ MIN.			×	-
VOLTAGE PROOF		150 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.			×	>
MECHANICA	L CHARACTE	RISTICS							•	
INSERTION AN		MEASURE	D BY APPLICABLE CONNECTOR	₹.				100.8 N MAX.	×	-
WITHDRAWAL FORCES						WITHDRAWAL FORCE: 4.2 N MIN.				
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.				1) CONTACT RESISTANCE: 70 m Ω MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF			×	-
						PARTS.				
VIBRATION		FREQUENCY 10 TO 55 TO 10 Hz,				1) NO ELECTRICAL DISCONTINUITY OF 1 μ s.			×	-
		SINGLE AMPLITUDE: 0.75 mm, 10 CYCLES FOR 3 AXIAL DIRECTIONS.				 NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 				
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms							×	_
			MES FOR 3 BOTH AXIAL DIR							
ENVIRONMEI	NTAL CHARA	CTERISTI	CS							
DAMP HEAT		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.						ANCE : 70 m Ω MAX.	×	-
(STEADY STATE) RAPID CHANGE OF		TEMPERATURE: -55 → +85 °C			2) INSULATION RESISTANCE: 100 M Ω MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF					
TEMPERATURE		TIME : $30 \rightarrow 30$ min. UNDER 5 CYCLES. (RELOCATION TIME TO CHAMBER:WITHIN 2 TO 3 min)				PAR			×	
COLD			AT -55 °C. 96 h	N 2 10 3	3 min)	1) CON	TACT DECICTA	ANCE : 70 m Ω MAX.	×	
						2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				-
DRY HEAT		EXPOSED AT +85 °C, 96 h								-
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			1) CONTACT RESISTANCE : 70 m Ω MAX. 2) NO HEAVY CORROSION.			×	-	
SULFUR DIOXI	IDE		10 ppm FOR 96 h. NDARD:JIS C 60068)						×	-
RESISTANCE TO			1) REFLOW SOLDERING:				NO DEFORMATION OF CASE OF EXCESSIVE			
SOLDERING HEAT		F	PEAK TMP : 250 °C MAX REFLOW TMP: 220 °C MIN FOR 60sec 2) SOLDERING IRONS: 360 °C MAX FOR 5 sec.			LOOSENESS OF THE TERMINAL.				
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE 240 °C FOR IMMERSION DURATION, 3 sec.				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE			×	-
		240 %	FOR IMMERSION DURATION,	5 SEC.			IMMERSED.	95 % OF THE SUKFACE		
COUNT		DESCRIPTI	ON OF REVISIONS		DESIG	NED CHECKED		DA	TE	
	(4) TEWDED : =::= =						40000			
REMARKS (1) TEMPERATURE RISE INC (2) THIS STORAGE INDICAT			UDED WHEN ENERGIZED. S A LONG-TERM STORAGE STATE				APPROVED	NH. NAKATA	16.1	
	FOR THE UNU	SED PRODUCT	D PRODUCT BEFORE THE BOARD MOUNTED.			CHECKED DESIGNED DRAWN		HT. YAMAGUCHI	16.11.	
	(3) NON-CONDENS vise specified,							MT. ITANO	16.11.1	
			Allo GODIZ.					MT. ITANO ELC-330881-8		
			SPECIFICATION SHEET			PART NO.		FX10A-168P-SV3 (85)		
H(\\			ROSE ELECTRIC CO., LTD.			NO		CL570-0304-7-85		1 /
	111	NUOL EL	LUINIU UU., LID.		CODE	NU.	0L9/	U-U3U4-7-89	707	1/

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