	E STANDARD)								
			-55 °C TO 85	°C ⁽¹⁾	OPERATIN HUMIDITY			40 TO 80 % MA	X ⁽³⁾	
RATING	TEMPERATURE RANGE VOLTAGE		100 V AC		STORAGE	STORAGE			°C ⁽²⁾)
1011 110	CURRENT		s t t		STORAGE	TORAGE			40 % TO 70 % ⁽²⁾	
	GURKE	IN I	U. 4 A HL SPECIFICATIONS			IMIDITY RANGE				
TT	EM	Γ	TEST METHOD	II IUA		R	FUL	IREMENTS	QT	AT
									U/I	
GENERAL EXAM		VISUALLY	Y AND BY MEASURING INSTRU	MENT.	ACCOR	DING TO I	DRAWI	NG.	×	×
MARKING		CONFIRMED VISUALLY.				-				×
ELECTRIC (CHARACTERIS	STICS								
CONTACT RESISTANCE		100 mA(DC OR 1000 Hz)			45 m	45 mΩ MAX .				-
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV MAX, 1 mA (DC or 1000Hz)			55 m	55 mΩ MAX.				-
INSULATION RESISTANCE		250 V DC.			100	100 MΩ MIN.				-
VOLTAGE PROO	F	300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				×
MECHANICAL	CHARACTER	RISTICS			I					1
INSERTION AN		MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE : 84.0 N MAX.				-
WITHDRAWAL FORCES MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.				WITHDRAWAL FORCE: 7.8 N MIN. 1)CONTACT RESISTANCE: 55 mΩ MAX.				-
MECHANIONE OF ENALION		CO TIMEO INCENTIONO AND EXTRACTIONO.			2) NO	2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
VIBRATION		FREQUENCY 10 TO 55 TO 10 Hz, SINGLE AMPLITUDE: 0.75 mm,				1) NO ELECTRICAL DISCONTINUITY OF 1 μ s. 2) CONTACT RESISTANCE: 55 m Ω MAX.				-
		AT 2 h FOR 3 DIRECTIONS.						AND LOOSENESS OF		
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 BOTH AXIAL DIRECTIONS.			PAR	TS.			×	-
	ITAL CHARAG			0110110.					1	1
DAMP HEAT		EXPOSED AT 40 \pm 2 °C, 90 TO 95 %, 96 h.						ICE : 55 mΩ MAX.	×	-
(STEADY STATE) RAPID CHANGE OF		TEMPERATURE: $-55 \rightarrow +85 \text{ °C}$				2) INSULATION RESISTANCE: 100 M Ω MIN. 3) NO DAMAGE. CRACK AND LOOSENESS OF				_
TEMPERATURE		TIME $30 \rightarrow 30$ min.				PARTS.				-
		UNDER 5								
CORROSION SALT MIST		(RELOCATION TIME TO CHAMBER:WITHIN 2 TO 3 min) EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				TACT RES	ISTAN	ICE : 55 mΩ MAX.	×	-
HYDROGEN SULPHIDE		EXPOSED IN 5 % SALT WATER SPRAT FOR 46 H. EXPOSED 3 ppm FOR 96 h.			2) NO	2) NO DEFECT SUCH AS CORROSION WHICH				+=
		(TEST STA	(TEST STANDARD: JEIDA-38)			IMPAIRS THE FUNCTION OF CONNECTOR. NO DEFORMATION OF CASE OF EXCESSIVE				
RESISTANCE TO SOLDERING HEAT		1)REFLOW SOLDERING: PEAK TMP ∶ 250 °C MAX				FORMATION NESS OF			×	-
		REFLOW TMP: 220 °C MIN FOR 60sec				01				
	V		RING IRONS: 360 °C MAX FOR	5 sec.			00.4.7.7		×	
SOLDERABILITY) AT SOLDER TEMPERATURE 3 °C FOR IMMERSION DURATI	ec. COVER	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.				-	
		I			<u> </u>	THINE TOED	•			
COUNT		DESCRIPTI	ON OF REVISIONS		DESIGNED	D		CHECKED	DA	ATE
REMARKS (1) TEMPERATURE RISE INCLUDED WHEN ENERGIZED.						APPROVED			NH. NAKATA 18.	
(2) THIS STORAGE		INDICATES A LONG-TERM STORAGE STATE ED PRODUCT BEFORE THE BOARD MOUNTED.				CHECKED				02.28 02.28
FOR THE UNUSE (3) NON-CONDENSIN								TY. EDAGAWA		
Unless otherwise specified, refer to			IEC-60512.			DRAW		MK. INOUE		02.2
Note QT:Qua	lification Te	est AT:As	ssurance Test X:Applicable Test		DRAWIN	DRAWING NO.		ELC-150884-68-00		
HRS		SPECIF	ICATION SHEET		PART NO.		F	X8C-120S-SV (68)		

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