MARKING	APPLICAI	BLE STANI	DARD									
RATING VOLTAGE			E RANGE	: RANGE -55 °C TO 85 °C		l l		RE RANG	3E	-10 °C TO 60 °C ⁽³⁾		
SPECIFICATIONS	RATING			100 V AC					Y	40 % TO 80 %		
TITEM		CURRENT		0.4 A		1			40 % TO 70 % ⁽³⁾			
TIEM			C.T.A. IKANGE									
CONTACT RESISTANCE	IT	EM	-								QT	АТ
MARKING	CONSTRU	JCTION										
ELECTRIC CHARACTERISTICS CONTACT RESISTANCE 100 ma (DC OR 1000 Hz). 20 mW MAX. 1 mA(DC OR 1000 Hz). 100 mg MAX. 1 100 mg MA	GENERAL E	XAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.				RDING 1	O DF	AWING.	×	×
CONTACT RESISTANCE	MARKING										X	×
CONTACT RESISTANCE 20 mV MAX, 1 mA(DC OR 1000Hz) 100 mΩ MAX.			<u>-</u>				(0)					
MILLIVOLT LEVEL METHOD INSULATION RESISTANCE VOLTAGE PROOF 300 V AC FOR 1 min. NO FLASHOVER OR BREAKDOWN. WECHANICAL OPERATION OPERATION OPERATION OPERATION OPERATION OPERATION AMPLITUDE: 1.5 min, AT 2 h FOR 3 DIRECTIONS. OF PARTS. AMPLITUDE: 1.5 min, AT 2 h FOR 3 DIRECTION. OF CONTACT RESISTANCE: 100 mig MAX (12) OF PARTS. OF OND AMAGE, CRACK AND LOOSENESS OF PARTS. OF PARTS. OF ONTACT RESISTANCE: 100 mig MAX (12) OF PARTS. OF ONTACT RESISTANCE: 100 mig MAX (12) OF PARTS. OF ONTACT RESISTANCE: 100 mig MAX (12) OF PARTS. OF ONTACT RESISTANCE: 100 mig MAX (12) OF PARTS. OF PARTS			,									_
INSULATION 250 V DC. 100 MΩ MIN. X ENSISTANCE 250 V DC. 100 MΩ MIN. X ENSISTANCE 100 MΩ MIN. X ENSISTANCE 100 MΩ MIN. X ENSISTANCE 100 MΩ MAX. X X X X X X X X X	MILLIVOLT LEVEL		20 HIV WAY, I HA(DC OR 1000H2)				100 m 52 MAX . (2)				^	
MECHANICAL CHARACTERISTICS MECHANICAL DOPERATION 50 TIMES INSERTIONS AND EXTRACTIONS. 0 CONTACT RESISTANCE: 100 mΩ MAX. ¹²⁷ × - 0 NO DAMAGE, CRACK AND LOOSENESS OF PARTS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 2 h FOR 3 DIRECTION. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s², DURATION OF PULSE 11 ms ON DOAMAGE, CRACK AND LOOSENESS X — FOR PARTS. SINGLATION RESISTANCE: 100 mΩ MAX. ¹²⁷ X — SITEADY STATE. SITEA	INSULATION		250 V DC.				100 MΩ MIN.				×	_
MECHANICAL OPERATION 50 TIMES INSERTIONS AND EXTRACTIONS. □ CONTACT RESISTANCE: 100 mΩ: MAX. □	VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.					<u> </u>
OPERATION			ACTERI	STICS								
APPLITUDE::1.5 mm, AT 2 h FOR 3 DIRECTION. 1 μs.	MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.				② NO DAMAGE, CRACK AND LOOSENESS				×	_
SHOCK 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h. (STEADY STATE) ENVERONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h. (STEADY STATE) STEADY STATE) TEMPERATURE-55 -++15 -+355 -++85 -++15 -+355 °C TEMPERATURE TIME 30 ~ 2 ~ 3 ~ 30 ~ 2 ~ 3 min UNDER 5 CYCLES. CORROSION SALT MIST EXPOSED IN 3 PPM FOR 96 h. (TEST STANDARD: JEIDA-38) RESISTANCE TO 1) REFLOW SOLDERING: 250 °C MAX. 2) SOLDERING IRONS: 250 °C MIN. FOR 60 s 2) SOLDERING IRONS: 250 °C MIN. FOR 5 s SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE, ANEW UNIFORM COATING OF SOLDER X - SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED. COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED H3.0KAWA 05.11.06 COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED BIS.0CAWA 05.11.06 BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE. BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE. BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE. BULK RESISTANCE OF THE CONTACT RESISTANCE SHALL BE 80 mg. BECAUSE OF THE SURFACE BEING IMMERSED. APPROVED H3.0KAWA 05.11.06 CHECKED H3.0CAWA 05.11.06 CHECKED H3.0CAWA 05.11.06 DRAWN SY.KAMIGA 05.11.06 DRAWN SY.KAMIGA 05.11.06 DRAWN SY.KAMIGA 05.11.06 DRAWN SY.KAMIGA 05.11.06 PART NO. FX8C-100P-SV2 (91)	VIBRATION						① NO ELECTRICAL DISCONTINUITY OF				×	-
ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h. © CONTACT RESISTANCE: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (2) × − 0 insulation resistance: 100 mΩ MAX. (3) × − 0 insulation resistance: 100 mΩ MAX. (3) × − 0 insulation resistance: 100 mΩ MAX. (3) × − 0 insulation resistance: 100 mΩ MAX. (3) × − 0 insulation resistance: 100 mΩ MAX. (3) × − 0 insulation resistance: 100 mΩ MAX. (3) × − 0 insulation resistance: 100 mΩ MAX. (3) NO DEFORMATION of CASE OF 0 insulation resistance: 100 mΩ MAX. (3) insulation resist	SHOCK						-1 -					-
DAMP HEAT STEADY STATE) (STEADY STATE) (TIME 30 → 2 ~3 → 30 → 2 ~3 min UNDER 5 CYCLES. (CORROSION SALT MIST (STEADY STATE) (ABOVE STATE S		IMENITAL O	1		TIONS.		OF	PARTS.				
(STEADY STATE) RAPID CHANGE OF TEMPERATURE 30 → 2 ~ 3 → 30 → 2 ~ 3 min UNDER 5 CYCLES. CORROSION SALT MIST CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h. HYDROGEN SULPHIDE (TEST STANDARD: JEIDA-38) RESISTANCE TO SOLDERING IRONS 220 ° MIN, FOR 60 s 2) SOLDERING IRONS 200 ° C, FOR 5 s SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE, 240 ± 3 ° C, FOR 10 MMERSION DURATION, 3 s. COUNT DESCRIPTION OF REVISIONS DESIGNED COUNT DESCRIPTION OF REVISIONS DESIGNED COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE CHECKED HS. DKAWA 05.11.08 CHECKED HS. DKAWA 05.11.08 CHECKED DRAWN SY. KAMIBA 05.11.08 DRAWN SY. KAMIBA 05.11.08 PRAWN SY. KAMIBA DESIGNED PRAWN					NE 0/ C)C	T 001	UTAGE	DEOL	NTANOE: 400 0 MAY (2)		1
TEMPERATURE TIME 30 → 2~3 → 30 → 2~3 min UNDER 5 CYCLES. CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h. (TEST STANDES IN 15 % SALT WATER SPRAY FOR 48 h. (TEST STANDARD: JEIDA-38) RESISTANCE TO (TEST STANDARD: JEIDA-38) RESISTANCE TO 1) REFLOW SOLDERING: 250 °C MAX, 20 °C MIN, FOR 60 °S 2) SOLDERING IRONS: 360 °C, FOR 5 °S SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE, 240 ± 3°C, FOR IMMERSION DURATION, 3 °S. THE SURFACE BEING IMMERSED. A NEW UNIFORM COATING OF SOLDER X — SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED. REMARK (1)THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 mΩ, BECAUSE OF THE BULK RESISTANCE OF THE CONTACT RESISTANCE SHALL BE 20 mΩ MAX. (2) THE SURFACE BEING IMMERSED. APPROVED HS. DKAWA 05.11.08 (2)47 FER 15T, THE CHANCE OF THE CONTACT RESISTANCE SHALL BE 20 mΩ MAX. (3)THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED. Unless otherwise specified, refer to JIS C 5402. Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC4-150843-21 PROCEEDS TO THE CONTACT TEST AND THE CONTACT TEST THE CHANCE OF THE SOARD MOUNTED. Unless otherwise specified, refer to JIS C 5402. NOTE OF THE BOARD MOUNTED. DRAWING NO. ELC4-150843-21 PART NO. FX8C-100P-SV2 (91)	(STEADY STATE)						② INSULATION RESISTANCE: 100 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS					_
## A8 h. HYDROGEN SULPHIDE EXPOSED IN 3 PPM FOR 96 h. (TEST STANDARD: JEIDA-38) RESISTANCE TO SOLDERING HEAT 1) REFLOW SOLDERING: 250 °C MAX, FOR 60 °S 2) SOLDERING IRONS: 360 °C, FOR 5 °S SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE, 240 ± 3 °C, FOR IMMERSION DURATION, 3 °S. **COUNT** COUNT** DESCRIPTION OF REVISIONS** DESIGNED COUNT** DESCRIPTION OF REVISIONS** DESIGNED CHECKED DATE **COUNT** A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED. **COUNT** THE SURFACE BEING IMMERSED. **DESIGNED** CHECKED BY OND HEAVY CORROSION. **X - COUNT** **COUNT** **COUNT** DESCRIPTION OF REVISIONS** DESIGNED CHECKED DATE **APPROVED HS. OKAWA OB. 11. 06 CHECKED HS. OZAWA OB. 11. 06 CHECKED HS. OZAWA OB. 11. 06 CHECKED HS. OZAWA OB. 11. 06 DESIGNED KY. NAKAMURA OB. 11. 06 DESIGNED KY. NAKAMURA OB. 11. 06 DESIGNED DESIGNED KY. NAKAMURA OB. 11. 06 DESIGNED OBAWIN SY. KAMIGA OB. 11. 06 DESIGNED DESIGNED FX8C-100P-SV2 (91)	TEMPERATURE		TIME $30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3$ min UNDER 5 CYCLES.								^	
RESISTANCE TO 1) REFLOW SOLDERING: 250 °C MAX, NO DEFORMATION OF CASE OF SOLDERING HEAT : 220 °C MIN, FOR 60 s TERMINALS. 2) SOLDERING IRONS: 360 °C, FOR 5 s SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE, 240 ± 3°C, FOR IMMERSION DURATION, 3 s. THE SURFACE BEING IMMERSED. COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE REMARK (1) THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 m \(\Omega\), BECAUSE OF THE BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE. (2) AFTER TEST, THE CHANCE OF THE CONTACT RESISTANCE SHALL BE 20 m \(\Omega\) MAX. (3) SITHIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED. Unless otherwise specified, refer to JIS C 5402. Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC4-150843-21 PART NO. FX8C-100P-SV2 (91)	CORROSION SALT MIST										×	_
SOLDERING HEAT : 220 °C MIN, FOR 60 s 2) SOLDERING IRONS : 360 °C, FOR 5 s SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE, 240 ± 3°C, FOR IMMERSION DURATION, 3 s. COUNT DESCRIPTION OF REVISIONS REMARK (1) THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 mQ, BECAUSE OF THE BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE. (2) CAPTER TEST, THE CHANCE OF THE CONTACT RESISTANCE SHALL BE 20 mQ MAX. (3) THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED. Unless otherwise specified, refer to JIS C 5402. SPECIFICATION SHEET PART NO. EXCESSIVE LOOSENESS OF THE TERMINALS. A NEW UNIFORM COATING OF SOLDER SHALL SE SUFFICIENT OF SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED. A NEW UNIFORM COATING OF SOLDER SHALL DE SURFACE BEING IMMERSED. A PPROVED HS. OKAWA 05.11.08 CHECKED HS. OZAWA 05.11.08 DESIGNED KY. NAKAMURA 05.11.08 DESIGNED KY. NAKAMURA 05.11.08 DRAWN SY. KAMIGA 05.11.08 PART NO. FX8C-100P-SV2 (91)	HYDROGEN SULPHIDE										×	-
240 ± 3°C, FOR IMMERSION DURATION, 3 s. COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE	RESISTANCE TO SOLDERING HEAT		: 220 °C MIN, FOR 60 s 2) SOLDERING IRONS : 360 °C,			EXCESSIVE LOOSENESS OF THE				×	_	
REMARK (1)THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 mΩ, BECAUSE OF THE BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE. (2)AFTER TEST, THE CHANCE OF THE CONTACT RESISTANCE SHALL BE 20 mΩ MAX. (3)THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED. Unless otherwise specified, refer to JIS C 5402. Note QT:Qualification Test AT:Assurance Test X:Applicable Test SPECIFICATION SHEET PART NO. PROVED HS.OKAWA 05.11.08 CHECKED HS.OZAWA 05.11.08 FY.NAKAMURA 05.11.08 CHECKED HS.OZAWA 05.11.08 CHECKED HS.OZAWA 05.11.08 CHECKED HS.OZAWA 05.11.08 FY.NAKAMURA 05.11.08 CHECKED HS.OZAWA 05.1	SOLDERABILITY		240 ± 3	40 ± 3°C,			SHALL COVER A MINIMUM OF 95 % OF				×	_
REMARK (1)THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 mΩ, BECAUSE OF THE BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE. (2)AFTER TEST, THE CHANCE OF THE CONTACT RESISTANCE SHALL BE 20 mΩ MAX. (3)THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED. Unless otherwise specified, refer to JIS C 5402. Note QT:Qualification Test AT:Assurance Test X:Applicable Test SPECIFICATION SHEET PART NO. PROVED HS.OKAWA 05.11.08 CHECKED HS.OZAWA 05.11.08 FY.NAKAMURA 05.11.08 CHECKED HS.OZAWA 05.11.08 CHECKED HS.OZAWA 05.11.08 CHECKED HS.OZAWA 05.11.08 FY.NAKAMURA 05.11.08 CHECKED HS.OZAWA 05.1												
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113 OF ESTITION STILL!	,						L RAWING NO.			ELC4-150843-21		
	אנכ	SI	PECIFICATION SHEET				PART NO.		FX8C-100P-SV2 (91)			
	4 L W	HIR	OSE EL	ECTRIC CO., LTD.		CODE	E NO.	CI	L578	3-0545-4-91	<u></u>	1/1