CONTACT RESISTANCE CONTACT RESISTANCE SO TIMES INSERTIONS CONTACT RESISTANCE SO TIMES	APPLICA	BLE STANI	DARD										
RATING VOLTAGE 100 V AC RAMOE AND CORRENTS HANDITY AD 96 TO 80 % SPECIFICATIONS SPECIFICATIONS		OPERATING		STORAGE						0 TO 00.00	(2)		
RATING				-55°C 10 85°						(2)			
CURRENT	RATING	VOLTAGE		100 V AC				IMIDITY	40	40 % TO 80 %			
TIEM		CURRENT									ό ⁽²⁾		
CONSTRUCTION SECRETAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING. x <t< td=""><td colspan="11">SPECIFICATIONS</td><td></td></t<>	SPECIFICATIONS												
GENERAL EXAMINATION INSUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING. *** ** ** ** ** ** ** ** **	IT	EM	TEST METHOD				REQUIREMENTS				QT	АТ	
MARKING	CONSTRU	JCTION										•	
CONTACT RESISTANCE 20 mV MAX 1 mA(DC OR 1000Hz) 50 mM MAX	GENERAL EX MARKING	XAMINATION					ACCORDING TO DRAWING.					1	
NSULATION 100 V DC. 500 MG MIN. X							(2)				,		
RESISTANCE VOLTAGE PROOF SOLDERING INSERTION AND WEASURED BY APPLICABLE CONNECTOR. WISSERTION AND WITHDRAWAL FORCES MECHANICAL OPERATION SOLDERING INSERTIONS AND EXTRACTIONS. OF PARTS. ON DAMAGE, CRACK AND LOOSENESS OF PARTS. OF DATE OF PARTS. OF DAMAGE, CRACK AND LOOSENESS OF PARTS. OF PARTS. OF DAMAGE, CRACK AND LOOSENESS OF PARTS. OF PART	CONTACT RESISTANCE		20 mV MAX, 1 mA(DC OR 1000Hz)				60 mΩ MAX. (3)				×	_	
MECHANICAL CHARACTERISTICS INSERTION AND WITHDRAWAL FORCES MESURED BY APPLICABLE CONNECTOR. WITHDRAWAL FORCE: 2.55 N MIN. SO TIMES INSERTIONS AND EXTRACTIONS. SO TIMES INSERTIONS AND EXTRACTIONS. SO TIMES INSERTIONS AND EXTRACTIONS. TO CONTACT RESISTANCE: 80 mc MAX. TO NO ELECTRICAL DISCONTINUITY OF 1.13 NO DAMAGE, CRACK AND LOOSENESS OF PARTS. TO OP PARTS. TO CONTACT RESISTANCE: 80 mc MAX. TO PARTS. TO CONTACT RESISTANCE: 80 mc MAX. TO CONTACT RESISTANCE: 80 mc MAX. TO PARTS. TO CONTACT RESISTANCE: 80 mc MAX. TO CONT	INSULATION RESISTANCE		100 V DC.								×	_	
INSERTION AND							NO FLASHOVER OR BREAKDOWN.					_	
WITHDRAWAL FORCES WITHDRAWAL FORCE : 2.55 N MIN MECHANICAL					IEOTOB.		IN OFFI			NI MANY			
OPERATION 2 NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	INSERTION AND WITHDRAWAL FORCES						WITHDRAWAL FORCE: 2.55 N MIN.					_	
SINGL AMPLITUDE: 0.75 mm, FOR 2 h IN 3 DIRECTIONS. SHOCK 490 m/s² DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h. (STEADY STATE) DAY HEAT EXPOSED AT 85±2 °C, 96 h TEMPERATURE -55→55→55→55→55→55→55→55→55→55→55→55→55→	MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.				② NO DAMAGE, CRACK AND LOOSENESS				×	_	
FOR 2 h IN 3 DIRECTIONS. SHOCK 499 m/s², DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h. (3) CONTACT RESISTANCE: 80 mΩ MAX. (2) INSULATION RESISTANCE: 80 mΩ MAX. (3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. ** — **CRACK AND LOOSENESS** ** — **CRACK AND LOOSENESS*	VIBRATION						I .				×	_	
SHOCK 490 m/s², DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS DAMP HEAT (STEADY STATE) DAMP HEAT EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h. (STEADY STATE) DAMP HEAT RAPID CHANGE OF TEMPERATURE -55→5→5→35→85→85→5→35 °C TEMPERATURE 30→5 MAX→30→5 MAX min. UNDER 5 CYCLES. CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h. (TEST STANDARD: JIS C 60068) SULFUR DIOXIDE EXPOSED IN 25 PPM FOR 96 h. (TEST STANDARD: JIS C 60068) RESISTANCE TO SOLDERING IRONS: 360°C MAX. FOR 5 sec. SOLDERABILITY SOLDERING IRONS: 360°C MAX. FOR 5 sec. SOLDERABILITY SOLDER TEMPERATURE REPRESE CAUSED BY CURRENT-CARRYING. 230°C 180°C (PEAK) 220°C 180°C (PEAK) 230°C 180°C (PEAK) 240±3°C FOR IMMERSION DURATION, 3 sec. SOLDERABILITY SOLDER TEMPERATURE RISE CAUSED BY CURRENT-CARRYING. PRESISTANCE TO TORRESISTANCE SO MCD MAX. FOR 5 sec. SOLDERABILITY SOLDER TEMPERATURE RISE CAUSED BY CURRENT-CARRYING. PORTHER WAS A LONG-TERM STORGE STATE. FOR THE UNUSED PRODUCT BEFORE ASSEMBLY TO POB. **INCLUDE TEMPERATURE RISE CAUSED BY CURRENT-CARRYING. **PORTHER WAS A LONG-TERM STORGE STATE. FOR THE UNUSED PRODUCT BEFORE ASSEMBLY TO POB. **INCLUDE TEMPERATURE RISE CAUSED BY CURRENT-CARRYING. **PORTHER WAS A LONG-TERM STORGE STATE. FOR THE UNUSED PRODUCT BEFORE ASSEMBLY TO POB. **INCLUDE TEMPERATURE RISE CAUSED BY CURRENT-CARRYING. **INCLUDE TEMPERATURE RISE CAUSED BY CURRENT-C							l '						
ENVIRONMENTAL CHARACTERISTICS DAMP HEAT (STEADY STATE) EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h. (STEADY STATE) DRY HEAT EXPOSED AT 40±2 °C, 96 h. (STEADY STATE) DRY HEAT EXPOSED AT 85±2 °C, 96 h. TEMPERATURE TIME 30 → 5 MAX → 30 → 5 MAX min. UNDER 5 CYCLES. CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h. (TEST STANDARD: JIS C 60068) TREFLOW 2 TIMES UNDER THE TEMPERATURE PROFILE SHOWN BELOW. SOLDERING HEAT SOLDERING IRONS: 360°C (PEAK) 2) SOLDERING IRONS: 360°C (PEAK) 200°C	SHOCK		490 m/s ² , DURATION OF PULSE 11 ms				1				×	_	
DAMP HEAT (STEADY STATE) (STEADY STANDARD) (STEADY STATE) (STEADY STATE) (STEADY STATE) (STEADY STANDARD) (STEADY STATE) (ST	FNVIRON	MENTAL C			10110.								
RAPID CHANGE OF TEMPERATURE -55→+5~+35+5~+35+C TIME 30→ 5 MAX → 3	DAMP HEAT						<u> </u>				×	<u> </u>	
TEMPERATURE TIME 30 - 5 MAX - 30 -> 5 MAX min. UNDER 5 CYCLES. CORROSION SALT MIST EXPOSED IN 5 SALT WATER SPRAY FOR 48 h. (TEST STANDARD: JIS C 60068) RESISTANCE TO SOLDERING HEAT PROFILE SHOWN BELOW. 2) SOLDERING IRONS: 360°C MAX. FOR 5 sec. SOLDERING IRONS: 360°C MAX. FOR 5 sec. SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE 240 ± 3°C FOR IMMERSION DURATION, 3 sec. SHALL COVER A MINIMUM OF 95 % OF THE 240 ± 3°C FOR IMMERSION DURATION, 3 sec. SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED. COUNT DESCRIPTION OF REVISIONS DESIGNED COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE APPROVED HS. OKANA OR. 07. 30 CHECKED DATE CHECKED HT. VMAGUCH1 08. 07. 30 CHECKED DATE CHECKED HT. VMAGUCH1 08. 07. 30 CHECKED DRAWN HK. SUNADOR1 08. 07. 30 DESIGNED SPECIFICATION SHEET PART NO. FX15SC-51S-0. 5SV	DRY HEAT		EXPOSED AT 85±2 °C, 96 h						, CRACK AN	D LOOSENESS			
EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h. SULFUR DIOXIDE EXPOSED IN 25 PPM FOR 96 h. (TEST STANDARD: JIS C 60068) RESISTANCE TO SOLDERING : REFLOW 2 TIMES UNDER THE TEMPERATURE PROFILE SHOWN BELOW. 230°C 220°C 2	RAPID CHANGE OF TEMPERATURE		TIME $30 \rightarrow 5 \text{ MAX} \rightarrow 30 \rightarrow 5 \text{ MAX min.}$				OF PARIS.						
SULFUR DIOXIDE EXPOSED IN 25 PPM FOR 96 h. (TEST STANDARD: JIS C 60068) RESISTANCE TO SOLDERING: SOLDERING HEAT SOLDERING HEAT SOLDERING IRONS: 360°C MAX. FOR 5 sec. SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE 240±3°C FOR IMMERSION DURATION, 3 sec. SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED. COUNT DESCRIPTION OF REVISIONS COUNT DESCRIPTION OF REVISIONS DESIGNED COUNT DESCRIPTION OF REVISIONS CHECKED CHECKED APPROVED HS. UKAWA CHECKED HT. YAMAGUCHI OB. 07. 30 CHECKED DESIGNED SY. KAMI GA OB. 07. 30 DRAWN HK. SUNADORI OBANDORI CHECKED DATE CHECKED HT. YAMAGUCHI OBANDORI DESIGNED SY. KAMI GA OB. 07. 30 DRAWN HK. SUNADORI OBANDORI CHECKED DRAWNO HK. SUNADORI OBANDORI DESIGNED SPECIFICATION SHEET PART NO. FX15SC-51S-0. 5SV	CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR				10				×	_	
REFLOW 2 TIMES UNDER THE TEMPERATURE PROFILE SHOWN BELOW. \$\frac{180^{\circ}}{150^{\circ}}C\$ = \frac{260^{\circ}}{150^{\circ}}C\$ = \frac{260^{\circ}}{150^{\circ}}C\$ = \frac{260^{\circ}}{150^{\circ}}C = \frac{260^{\circ}}{150^	SULFUR DIOXIDE											-	
230°C - 220°C (PEAK) 230°C - 220°C (PEAK) 220°C - 220°	RESISTANCE TO SOLDERING HEAT		1)REFLOW SOLDERING : REFLOW 2 TIMES UNDER THE TEMPERATURE									_	
220°C			50s(MAX) 230°C										
2) SOLDERING IRONS: 360°C MAX. FOR 5 sec. SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE 240±3°C FOR IMMERSION DURATION, 3 sec. SOLDERED AT SOLDER TEMPERATURE SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED. COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE APPROVED HS. OKAWA OS. 07. 30 CHECKED HT. YAMAGUCHI OS. 07. 30 DESIGNED CHECKED DATE APPROVED HS. OKAWA OS. 07. 30 CHECKED DESIGNED CHECKED DATE DESIGNED SY. KAMIGA OS. 07. 30 DESIGNED SY. KAMIGA OS. 07. 30 DESIGNED SY. KAMIGA DESIGNED SY. KAMIGA OS. 07. 30 DESIGNED SY. KAMIGA DESIGNED SY. KAMIGA OS. 07. 30 DESIGNED													
2) SOLDERING IRONS: 360°C MAX. FOR 5 sec. SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE 240±3°C FOR IMMERSION DURATION, 3 sec. COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE REMARKS: (1) INCLUDE TEMPERATURE RISE CAUSED BY CURRENT-CARRYING. (2) "STORAGE" MEANS A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE ASSEMBLY TO PCB. (3) INCLUDE CONDUCTOR RESISTANCE OF CABLE IN CASE THE MATED CONNECTOR IS CABLE TYPE.(L=12mm) Unless otherwise specified, refer to JIS-C-5402. Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC4-156501-00 FX15SC-51S-0. 5SV													
SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE 240±3°C FOR IMMERSION DURATION, 3 sec. COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED. DATE APPROVED HS. OKAWA O8. 07. 30 CHECKED DATE APPROVED HS. OKAWA O8. 07. 30 CHECKED DATE CHECKED HT. YAMAGUCHI O8. 07. 30 DESIGNED SY. KAMIGA O8. 07. 30 DESIGNED DESIGNED SY. KAMIGA O8. 07. 30 DESIGNED SY. KAMIGA O8. 07													
COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED DATE REMARKS **Include temperature rise caused by current-carrying. **Count Count Description of Revisions Designed Checked Date REMARKS **Include temperature rise caused by current-carrying. **Count Description of Revisions Designed Date REMARKS **Include temperature rise caused by current-carrying. **Count Description of Revisions Designed Date **Proved Hs. Okawa 08. 07. 30 CHECKED HT. YAMAGUCHI 08. 07. 30 DESIGNED SY. KAMIGA 08. 07. 30 DESIGNED SY. KAMIGA 08. 07. 30 DRAWN HK. SUNADORI 08. 07. 30 DRAWN HK. SUNADORI 08. 07. 30 PART NO. FX15SC-51S-0. 5SV	SOLDERABII	LITY	SOLDERED AT SOLDER TEMPERATURE								+	_	
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FOR THE UNUSED PRODUCT BEFORE ASSEMBLY TO PCB. (3) INCLUDE CONDUCTOR RESISTANCE OF CABLE IN CASE THE MATED CONNECTOR IS CABLE TYPE.(L=12mm) Unless otherwise specified, refer to JIS-C-5402. Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC4-156501-00 FX15SC-51S-0. 5SV	REMARKS (1) INCLUDE TEMPERATURE RISE CAUSED BY CURRENT-CARRYING.							APPROVED HS. OKAWA		IS. OKAWA	08.0	7. 30	
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Unless otherwise specified, refer to JIS-C-5402. Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. BLC4-156501-00 PART NO. FX15SC-51S-0. 5SV	((3) INCLUDE CON				D	DESIGNED		ED S	Y. KAMIGA	08. 07. 30		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC4-156501-00 SPECIFICATION SHEET PART NO. FX15SC-51S-0. 5SV	Unless oth		,				DRAWN		N HK	. SUNADOR I	08. 07. 30		
10 CHECKHOK CHEET		· · · · · · · · · · · · · · · · · · ·					DRAWING		ELC4-156501-				
	HRS	SI	SPECIFICATION SHEET			PART NO.		FX15SC-51S-0.5SV					
	HIF		OSE ELECTRIC CO., LTD.			CODE NO.		CL575-2204-5-00				1/1	