APPLICA	BLE STANI	DARD										
	OPERATING		FF 0C TO 0F	00		RAGE			10 °C TO 60	۰.		
	TEMPERATURE RANGE					EMPERATURE RA		-	-10 °C TO 60 °C			
RATING	VOLTAGE		100 V AC		RANGE STORAGE H		40 % TO 80 %			•		
	CURRENT	0.4.4				GE 40 % TO 70 %						
			SPEC	IFICA	TION	S						
ITI	EM		TEST METHOD)			RE	QUIRE	MENTS	QT	Α	
CONSTRUCTION											1	
GENERAL E	XAMINATION	VISUAL	LY AND BY MEASURING I	NSTRUM	IENT.	ACCO	RDING 1	O DRAW	/ING.	×	×	
MARKING		CONFIF	MED VISUALLY.							×	×	
ELECTRIC	CHARACT	ERISTI	CS									
		100 mA (DC OR 1000 Hz).				80 mΩ MAX. ⁽¹⁾				×		
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV MAX, 1 mA(DC OR 1000Hz)				100 m Ω MAX. ⁽²⁾				×		
INSULATION RESISTANCE		250 V DC				100 MΩ MIN.				×		
VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				×		
MECHANI	CAL CHAR	ACTERI	STICS							•	•	
INSERTION AND						INSERTION FORCE: 70.0 N MAX.				×		
WITHDRAWAL FORCE						WITHDRAWAL FORCE: 6.5 N MIN.						
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.				 CONTACT RESISTANCE:100 mΩ MAX. (2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 						
VIBRATION		FREQUENCY 10 TO 55 Hz, AMPLITUDE: 1.5 mm,				① NO ELECTRICAL DISCONTINUITY OF 1 µs.				×		
		2 hrs IN 3 DIRECTIONS.				② CONTACT RESISTANCE:100 mΩ MAX. (2)						
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						
ENVIRONI	MENTAL CI	IARAC1	ERISTICS		<u> </u>							
DAMP HEAT		EXPOSE	D AT 40±2 °C, 90 ~ 9	5 %, 96	hrs.	① CO	NTACT	RESISTA	NCE:100 mΩ MAX. (2) ×		
(STEADY STATE)						② INSULATION RESISTANCE:100 M Ω MIN.						
RAPID CHANGE OF TEMPERATURE		TEMPERATURE-55 \rightarrow +15 \sim +35 \rightarrow +85 \rightarrow +15 \sim +35 $^{\circ}$ C TIME 30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3 min 5 CYCLES.				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×		
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 hrs.				① CONTACT RESISTANCE:100 m Ω MAX. (2) ② NO DEFECT SUCH AS CORROSION) ×		
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 96 hrs. (TEST STANDARD: JEIDA 38)				WHICH IMPAIRS THE FUNCTION OF CONNECTOR.				×		
RESISTANCE TO		1) REFLOW SOLDERING : 250 °C MAX,				NO DEFORMATION OF CASE OF				×		
SOLDERING HEAT		: 220 °C MIN,				EXCESSIVE LOOSENESS OF THE						
		FOR 60 s 2) SOLDERING IRONS : 360 °C,				TERMINALS.					-	
		2) SULDI	ERING IRONS : 360 °C,	5 s						×		
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE,				A NEW UNIFORM COATING OF SOLDER				×		
OCEDET IN BIETT		240°C, FOR IMMERSION DURATION, 3 sec.				SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.						
COUN	T DE	SCRIPTION	ON OF REVISIONS		DESIG	INED			CHECKED	DA	TE	
<u> </u>		527 TN	<u> </u>			OTTERNED						
REMARK (1) THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 m Ω ,						APPROVED NH. NAKATA				18 0	18. 02. 28	
	BECAUSE OF	THE BULK RESISTANCE OF STACKING HEIGHT 16 mm T) THE CHANGE OF THE CONTACT RESISTANCE $_{n\Omega}$ MAX. ied, refer to JIS C 5402.							HT. YAMAGUCHI	18. 0		
(2									TY. EDAGAWA	A 18. 02. 2		
I Inless other	SHALL BE 20 r erwise specif							-				
		t AT:Assurance Test X:Applicable Test				DRAWING PART NO.		ELC-150883-68 FX8C-100S-SV (68))	
HS		PECIFICATION SHEET OSE ELECTRIC CO., LTD.			CODE NO.					\wedge	1/1	
FORM HDOO11-					CODE	. INU.	U	_5/6-6	0000 J=00	/ U \	1/	