APPLICA	BLE STANI	DARD										
	OPERATING	E DANIGE	-55 °C TO 85	°C		RAGE	IDE DANO		-10 °C TO 60 °	·C		
RATING	TEMPERATURE RANGE				OPE	RATING	JRE RANG HUMIDITY		-10 °C TO 60 °C			
	VOLTAGE		100 V AC		STOR		UMIDITY		40 % TO 80 %			
	CURRENT		0.4 A RANG									
			SPEC		NOIT	S						
ITI	EM	TEST METHOD				REQUIREMENTS				QT	AT	
CONSTRU												
						ACCO	RDING T	O DR	RAWING.	×	×	
MARKING ELECTRIC	CHADACI		RMED VISUALLY.			<u> </u>				×	×	
ELECTRIC CHARACT CONTACT RESISTANCE						80 mΩ MAX. ⁽¹⁾				×		
CONTACT RESISTANCE		20 mV MAX, 1 mA(DC OR 1000Hz)				100 mΩ MAX. (1)				×		
MILLIVOLT LEVEL METHOD						100 III SE IVIAX.						
INSULATION RESISTANCE		250 V DC				100 MΩ MIN.				×		
VOLTAGE PROOF						NO FLASHOVER OR BREAKDOWN.						
	CAL CHAR											
INSERTION AND WITHDRAWAL FORCE						INSERTION FORCE: 56.0 N MAX. WITHDRAWAL FORCE: 5.2 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.				×		
SHOCK		2 hrs IN 3 DIRECTIONS. 490 m/s², DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.				 CONTACT RESISTANCE:100 mΩ MAX. (2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 				×		
ENVIRONI	MENTAL CI						174110.					
DAMP HEAT			DAT 40±2°C, 90 ~ 9	5 %, 96	6 hrs.	① CO	NTACT F	RESIS	STANCE: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.				 CONTACT RESISTANCE:100 mΩ MAX. (2) NO DEFECT SUCH AS CORROSION WHICH IMPAIRS THE FUNCTION OF CONNECTOR. 				×		
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 96 hrs. (TEST STANDARD: JEIDA 38)								×		
RESISTANCE TO		,				NO DEFORMATION OF CASE OF				×		
SOLDERING HEAT		: 220 °C MIN,				EXCESSIVE LOOSENESS OF THE						
		FOR 60 s 2) SOLDERING IRONS : 360 °C.				TERMINALS.						
		Z) SULDI	FOR	5 s		1				×		
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 240°C,				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF				×		
		FOR IMMERSION DURATION, 3 sec.				THE SURFACE BEING IMMERSED.						
							ı					
COUN	I DE	:SCRIPTIC	CRIPTION OF REVISIONS DES		DESIG	JNED			CHECKED		DATE	
REMARK $^{(1)}$ THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 m Ω ,						APPROVED NH. NAKATA				18.0	2. 28	
(2						CHECKED DESIGNED		ŒD	HT. YAMAGUCHI	18. 02. 28 18. 02. 28		
	SHALL BE 20 r							NED	TY. EDAGAWA			
Unless otherwise specified, re			d, refer to JIS C 5402.			DRAWN		٧N	MK. INOUE	18. 02. 23		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test DF					RAWING NO.			ELC-150882-68-00				
HS.	SF	SPECIFICATION SHEET PAR			PART	NO.		F	FX8C-80S-SV (68)			
			ECTRIC CO., LTD.				1		3-0803-8-68	6\	1/1	