APPLICA	BLE STAN	DARD								
	Operating Temperature F	Range	-55 °C to 105	°C (1)	Storage Temperature Range		-10 °C to 60 °C (2)			
RATING	Voltage		600 V AC/DC		Storage Hu	midity Range	40 % to 70	% (2)		
Current		15A			Operating H	Operating Humidity Range Relative Humidity 85% (Not dewed)				
			SPEC	IFICATION	ONS					
IT	EM		TEST METHOD			REQU	REMENTS	QT	AT	
CONSTRU	JCTION	•			,					
General Examination		Visually and by measuring instrument.			Accord	According to drawing.			×	
Marking		Confirmed visually.						×	×	
ELECTRIC	CHARAC	TERIST	ics							
Contact Resi	stance	10 mA(DC or 1000Hz)			2 m Ω N	2 mΩMAX.			T	
Insulation Resistance		1000 V DC.			1000 N	1000 M Ω MIN.			_	
Voltage Proo		1800 V AC for 1 min.			No flas	No flashover or breakdown.			_	
MECHANI	CAL CHAF	RACTER	ISTICS							
Insertion and Withdrawal F	orces	Measured by applicable connector.			1	Insertion Force: 10 N MAX. Withdrawal Force: 0.4 N MIN.			_	
Mechanical Operation		100 times insertions and extractions.			1 -	① Contact Resistance: 5 m Ω MAX.				
) (II) (I)		5 to 40 to 55 to 40 to 50 to				② No damage, crack and looseness of parts. ① No electrical discontinuity of 1 us				
Vibration		Frequency 10 to 55 to 10Hz, approx 5min Single amplitude: 0.75 mm, 10 cycles for 3 axial directions.			- 1	 No electrical discontinuity of 1 μs. No damage, crack and looseness of parts. 			-	
Shock		490 m/s ² , duration of pulse 11 ms, 3 times to both directions in 3 axial directions.						×	_	
ENVIRON	MENTAL C	HARAC	TERISTICS							
Damp Heat		Exposed at 40±2 °C, 90 ~ 95 %, 96 ±4h.				ntact Resistand	ce: 5mΩ MAX.	×	T	
(Steady State))				② Insu	② Insulation Resistance: 1000 M Ω MIN.				
Rapid Change of		Temperature -55 → +105 °C			③ No	damage, cracl	and looseness of parts.	×	_	
Temperature		Time 30 → 30 min.								
		under 5 c	•	AINI)						
Dry heat		(Relocation time to chamber: within 2~3 MIN)								
-		Exposed at +105±2°C for 96±4h.						×	\perp	
Cold		Exposed at -55±2°C for 96±4h.						×	-	
Sulfur Dioxide		Exposed at 25±2°C, 75±5%RH, 25 PPM for 96h±4h.			② No	 Contact Resistance: 5mΩ MAX. No defect such as corrosion which impairs the function of connector. 				
Resistance to)	Solder bath : Solder temperature 260±5°C				No deformation of case of excessive looseness			+-	
Soldering He	at	for immersion, duration 10±1sec.			of the t	erminal.				
		Soldering	irons: 380°C MAX. for 10 se	ec.						
Solderability		Soldered at solder temperature 240±3°C for immersion, duration 3 sec.			A new uniform coating of solder shall cover a minimum of 95 % of the surface being immersed.				-	
1 001/11	- -		ON OF BELLOOMS			ı	OHEOVED			
COUN		ESCRIPTI	ON OF REVISIONS	DI	ESIGNED		CHECKED	1 04	DATE	
 REMARKS ⁽¹⁾ Include temperature rise ca			rice caused by current-carrying			APPROVED	HS. OKAWA	1/1 0	10 10	
		s a long-term storage state product before assembly to PCB.						14. 09. 12 14. 09. 11		
	for the unused					CHECKED	KN. SHIBUYA			
						DESIGNED	DK. AIMOTO	14. 09. 11		
Unless otherwise specified, refe			r to JIS-C-5402,IEC60512		DRAWN	DK. AIMOTO		09. 11		
Note QT:Qı	ualification Tes	st AT:Ass	rance Test X:Applicable Test		DRAWIN	IG NO.	ELC4-359165-00			
HS.	S	PECIF	ICATION SHEET	P/	ART NO.	F	FX30B-2S-7. 62DSA			
	HIF	ROSE E	LECTRIC CO., LTD.	C	DDE NO.	CL570)-3504-2-00	\triangle	1/1	



