APPLICAE	BLE STAN	DARD							
	Operating		55 0C to 105	00 (1)	Storage	_	10.0C to 60.00	• (2)	
	Temperature Range		-55 °C to 105 °C (1)		Temperature Range		-10 °C to 60 °C (2)		
RATING	Voltage		600 V AC/D	С	Storage Hui	midity Range	40 % to 70 % <sup>(2)</sup>		
	Current		13A		Operating H	lumidity Rang			
			CDEC	IFICATI	ONC		(Not dewed)		
ITI	EM	<u> </u>	TEST METHOD		ONS	PEOL	JIREMENTS	QT	АТ
CONSTRU		1	TEST WETTOD	'		NEQ	JINLIVILIN 13	الاا	
General Exam		Visually a	and by measuring instrument		Accordi	ing to drawin	ıa	Ι×	×
Marking		Confirmed visually.							
ELECTRIC CHARAC		TERISTICS							
Contact Resistance		10 mA(DC or 1000Hz)			2 mΩMAX.				-
Insulation Resistance		1000 V DC.			1000 M Ω MIN.				_
Voltage Proof		1800 V AC for 1 min.			No flashover or breakdown.				_
MECHANI	CAL CHAR				<u> </u>				,
Insertion and Withdrawal Forces		Measured by applicable connector.			Insertion Force: 15 N MAX. Withdrawal Force: 0.6 N MIN.				_
Mechanical Operation		100 times insertions and extractions.			① Contact Resistance: 5 m Ω MAX.				-
					10	② No damage, crack and looseness of parts.			
Vibration		Frequency 10 to 55 to 10Hz, approx 5min				① No electrical discontinuity of 1 μs.			-
		Single amplitude : 0.75 mm, 10 cycles			② No damage, crack and looseness of parts.				
		for 3 axial directions.							
		490 m/s <sup>2</sup> , duration of pulse 11 ms, 3 times to both directions in 3 axial directions.						^	
ENVIRONI	MENTAL C		TERISTICS					1	1
Damp Heat			at 40±2 °C, 90 ~ 95 %,	96 ±4h.	① Con	tact Resista	nce: 5mΩ MAX.	×	l –
(Steady State)					② Insulation Resistance: 1000 MΩ MIN.				
Rapid Change of Temperature		Temperature -55 $\rightarrow$ +105 °C Time 30 $\rightarrow$ 30 min. under 5 cycles.			3 No (	damage, cra	ck and looseness of parts.	×	-
		(Relocation	n time to chamber: within 2 <b>∼</b> 3 <b>!</b>	MIN)					
Dry heat		Exposed at +105±2°C for 96±4h.						×	_
Cold		Exposed at -55±2°C for 96±4h.						×	-
Sulfur Dioxide		Exposed at 25±2°C, 75±5%RH, 25 PPM for 96h±4h.			1 -	Contact Resistance: 5m Ω 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				<u> </u>
Soldering Heat		for immersion, duration 10±1sec.  Soldering irons : 380°C MAX. for 10 sec.			of the te	erminal.			
		Soldering	110113 : 300 C 1W/-/X. 101 10 3	<del>c</del> c.					
Solderability		Soldered at solder temperature 240±3℃ for immersion, duration 3 sec.		3°C	<b>I</b>	A new uniform coating of solder shall cover a minimum of 95 % of the surface being immersed.		×	_
COUN	T D	L ESCRIPTI	ON OF REVISIONS	D	ESIGNED		CHECKED	DA	TE
$\triangle$									
		ture rise caused by current-carrying. s a long-term storage state				APPROVE		14. 09. 12	
_		s a long-term storage state product before assembly to PCB.				CHECKED	KN. SHIBUYA	14. 09. 11	
						DESIGNED	DK. AIMOTO	14. 09. 11	
Unless otherwise specified, refer to						DRAWN	DK. AIMOTO	14. 09. 11	
Note QT:Qu	alification Tes	t AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-359160-00		
HS.		SPECIFICATION SHEET			ART NO.	F	FX30B-3P-7. 62DSA25 570-3206-4-00 🛕 1/1		
HIF		OSE ELECTRIC CO., LTD.		С	ODE NO.	CL57	CL570-3206-4-00 2		



