APPLICAE	ВL	E STAN	DARD										
Operating					_	Sto	orage						
Temperature		Range	-55 °C to 105	°C (1)	Те	mperatur	e Range		-10 °C to 60 °C	(2)			
RATING	V	oltage		600 V AC/D	С	Sto	orage Hu	midity Ra	inge	40 % to 70 9	<b>6</b> (2)		
	Cı	urrent		15A			Operating Humidity Ran		Range	e Relative Humidity 85% max (Not dewed)			
				SPEC	IFICA	ACIT Z	IS 21			(1101 401/04)			
IT	_ n	Λ				VIIOI			-0111	DEMENTO	ОТ		
				TEST METHOD				RI	=QUI	REMENTS	QT	АТ	
CONSTRU			Manally	and have an according in other case at			l A a a a rad	ing to dr			<u> </u>	I	
General Examination  Marking			Visually and by measuring instrument.  Confirmed visually.				Accord	ing to di	awing.		×	×	
	_	HABAC	TERISTICS				l						
Contact Resis				C or 1000Hz)			2 mΩN	IΔY			×	I _	
Insulation Resistance			1000 V DC.				1000 MΩ MIN.				×	+=	
Voltage Proof			1800 V AC for 1 min.				No flashover or breakdown.				×	<u> </u>	
MECHANI		AL CHAR	1				1.10						
Insertion and			Measured by applicable connector.				Insertion Force: 10 N MAX.				×	I _	
Withdrawal Forces			initiation by applicable confidence.				Withdrawal Force: 0.4 N MIN.				^		
Mechanical Operation			100 times insertions and extractions.				① Contact Resistance: 5 m Ω MAX.				×	_	
·							② No damage, crack and looseness of parts.						
Vibration Shock			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.				4				<u> </u>		
			490 m/s <sup>2</sup> , duration of pulse 11 ms, 3 times to both directions in 3 axial directions.								×	_	
	N // E	ENTAL C		TERISTICS	ections.		<u> </u>						
Damp Heat	IVIL			at 40±2 °C, 90 ~ 95 %,	96 +41	<u> </u>	① Cor	stact Dec	eietano	e: 5mΩ MAX.	×	Г_	
(Steady State)			Exposed at 40 ± 2 °C, 90 ° = 95 70, 90 ± 411.				1 -			e. 3πΩ MAX. nce: 1000 MΩ MIN.	^		
Rapid Change of			Temperature -55 → +105 °C				1			and looseness of parts.		_	
Temperature			Time 30 → 30 min.					Ū	•	•			
			under 5 c	ycles.									
			(Relocatio	(Relocation time to chamber: within 2~3 MIN)									
Dry heat			Exposed at +105±2°C for 96±4h.								×	-	
Cold			Exposed at -55±2°C for 96±4h.				1				×	-	
Sulfur Dioxide			Exposed	 at 25±2℃, 75±5%RH,			① Cor	ntact Res	sistanc	e: 5mΩ MAX.	×	-	
			25 PPM for 96h±4h.				② 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.				of the t	erminal.					
			Soldering irons : 380°C MAX. for 10 sec.				]						
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.				×	_	
COUN	Т	D	 ESCRIPTI	ON OF REVISIONS		DESIC	I SNED	CHECKED		CHECKED	DA	TE	
<u> </u>									L.,				
			ture rise caused by current-carrying. s a long-term storage state					APPROVED HS. OKAWA		HS. OKAWA	14.0	9. 12	
_			s a long-term storage state roduct before assembly to PCB.				CHEC	KED	KN. SHIBUYA	14.0	9. 11		
								DESIG	SIGNED DK. AIMOTO		14. 0	9. 11	
Unless otherwise specified, re				fer to JIS-C-5402,IEC60512.					WN	DK. AIMOTO		14. 09. 11	
Note QT:Qualification Test AT:As:				urance Test X:Applicable Tes	DRAWI		IG NO. ELC4-35915		ELC4-359158	3-00			
HS.		S	SPECIFICATION SHEET			PART NO.		FX30B-2P-7. 62DSA25					
		HIF	HIROSE ELECTRIC CO., LTD.				E NO.	CL570-3205-1-00				1/1	



