APPLICA	BLE STAN	DARD									
	Operating Temperature Range Voltage		-55 °C to 85 °C (1) Ter			orage emperature Range orage Humidity Range		-10 °C to	60 °C	(2)	
Rating								Relative humidity 8	5% max	(
Current		Signal Contact: 0.5 A Power Contact: 3.0A			erating Humidity Range (Not dewe)				
			SPEC	IFIC/	NOITA	S					
ΙΤ	EM		TEST METHOD				REQU	IREMENTS	QT	AT	
CONSTR	UCTION										
General Examination		Visually and by measuring instrument.				According to drawing.			×	×	
Marking		Confirmed visually.							×	×	
ELECTRIC CHARACT						1		_			
Contact Resistance		100 mA(DC or 1000Hz)				Signal Contact : $70m\Omega$ MAX. Power Contact : $20m\Omega$ MAX.			×	_	
Insulation Resistance		Signal Contact : 100 V DC. Power Contact : 250 V DC 1				Signal Contact : 100 M Ω MIN. Power Contact : 1000 M Ω MIN. 1			×	_	
Voltage Proof		Signal Contact : 150 V AC for 1 min. Power Contact : 600 V AC for 1 min.				No flashover or breakdown.				×	
MECHAN	ICAL CHAR			/1\					×		
						Incortic	n Force:	45 N MAX./1\	×	_	
Insertion and Withdrawal Forces		Measured by applicable connector.			Insertion Force: 45 N MAX/1 Withdrawal Force: 5 N MIN.						
Mechanical Operation		100 times insertions and extractions.			① Contact Resistance:			×	 		
						_ Signal Contact : 80m Ω MAX.					
							ower Contact				
						② No damage, crack and looseness of parts.					
Vibration			Frequency 10 to 55 to 10Hz, approx 5min Single amplitude : 0.75 mm, 10 cycles				① No electrical discontinuity of 1 μs.			-	
			implitude : 0.75 mm, 10 cycles al directions.	S		(2) No	damage, crad	ck and looseness of parts	·-		
Shock		490 m/s ² , duration of pulse 11 ms							×	 _	
			es for 3 both axial directions.								
ENVIRON	IMENTAL C	HARAC	TERISTICS								
Damp Heat		Exposed	at 40±2 °C, 90 ~ 95 %	, 96	h.	① Cor	ntact Resistar	ice:	×	_	
(Steady state)						ignal Contact					
		Temperature -55 → +85 °C			1 Power Contact : 30m Ω MAX. 2 Insulation Resistance:			×	-		
Temperature	9	Time		nin.		_	ulation Resist Signal Contac				
			5 cycles. n time to chamber: within 2~3 M	IINI)			Power Contac				
		(Nelocation time to chamber : within 2.43 willy)				③ No damage, crack and looseness of parts.					
Cold		Exposed at -55°C, 96 h				① Contact Resistance:				 	
						Signal Contact: 80m Ω MAX.					
Dry Heat		Exposed	Exposed at 85°C, 96 h			Power Contact : 30m Ω MAX.				1-	
					② No damage, crack and looseness of parts.						
		Exposed at 25±2°C, 75±5%RH, 25 PPM for 96 h.			① No defect such as corrosion which impairs the function of connector.				-		
		(Test sta	ndard: IEC 68)			_	tunction of contact Resistar				
						Signal Contact : 80m Ω MAX.					
						_ ^	ower Contact				
Resistance to		1)Reflow soldering :				No deformation of case of excessive				1-	
Soldering Heat		Peak TMP : 260°CMAX				loosen	ess of the ter	minal.			
			TMP: 220°CMIN for 60sec								
Solderability		2) Soldering irons: 360°C MAX. for 5 sec.				Λρον	uniform coati	ag of colder shall cover a	×	-	
Coldorability		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			^		
			, , , , , , , , , , , , , , , , , , , ,			immers	sed.	ŭ			
COUN	NT D	ESCRIPTI	ON OF REVISIONS		DESIG	NED		CHECKED	DA	AΤΕ	
13	DIS-F-00000637		TS. 0	. 00NO		KN. SHIBUYA 15		09. 09			
REMARKS		ture rise caused by current-carrying.			<u> </u>		HS. OKAWA		07. 22		
	(2) "STORAGE" m before assemb	_	term storage state for the unused pro	oduct			CHECKED	KN. SHIBUYA	14. (07. 22	
	SOISIC GSSCIIID	, to 1 Ob.				DESIGNED	TS. 00N0		07. 22		
Unless otherwise specified, re			d, refer to IEC 60512. 🛕				DRAWN	TS. 00N0		07. 22	
						RAWIN	IG NO.	ELC-353541-			
						NO. FX23-100P-0. 5SV1					
HS		1 UD 0 0 F F I F 0 T D 10 0 0 1 T D				DE NO		L573-3005-1-00			
		COL LLLOTRIO CO., LTD.			CODE NO.		ULU10-3000-1-00 /			1/1	

