	ndard													
Operating temperature range		-55°C to + 85°C(Note 1)				Storage temperature range			-10	-10°C to + 60°C(Note2)				
Rating Operating humidity range		20% to 80% (Note3)				Storage humidity range				40% to 70%(Note2)				
Volta		1000V AC/DC				Applicable Connector			DF2	DF22L -*S-7.92C(2 DF22#L-*S-7.92C(#=				
Current(*1)		Contact AWG10	1 43A/pin	2,3 38A/pin	4,5 33A/pin	Curre	nt(*2)		Contact AWG10	1 30A/pi	2,3 n 25A/p	in 2	4,5 2A/pin	
		AWG12	38A/pin	32A/pin	26A/pin	1			AWG12	25A/pi		-	8A/pin	
		AWG14	26A/pin	23A/pin	22A/pin				AWG14	20A/pi			5A/pin	
		AWG16 21A/pin 21A/pin 19A/								AWG16 15A/pin			3A/pin	
		oltage 0V	Rated curr See above(*1) (At ambient				(Note 4		voltage category IP-Protec			tion m	ethod	
		0V	See above(*2) (Temp. ris						_			_		
TÜV	AC 60	VO		Se	ee above(*2	2)			П		IF	200		
				Spe	ecifica	ation	IS							
Item			Test n	nethod				F	Requiremen	ts		QT	AT	
Construction							I		<u> </u>			1	1	
General examination	on Visi	ually and by	measurin	g instrume	ent.		Accordi	ng to drav	ving.			Х	Х	
Marking	Cor	nfirmed visua	ılly.									X	Х	
Electric chara	cteristics											•	•	
Contact resistance		20mV MAX, 1mA (DC OR 1000 Hz).					5 mΩ MAX.						_	
millivolt level method Insulation resistance		1000V DC.					1000MΩ MIN.					X	 	
Voltage proof		2500V AC for 1 min.					No flasi	nover or b	reakdown.			Х	† –	
Mechanical ch	naracteris	tics]					1 - 1	1	
Mechanical operati		Otimes inser	tions and	extraction	S.			act resista	ance: 10r	nΩ MAX		X	-	
Vibration		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 2 h, for 3 directions.					1) No electrical discontinuity of 1µs. 2) No damage, crack or looseness of parts.					X	_	
Shock		490 m/s ² duration of pulse 11 ms at 3 times for 3 directions.					1) No electrical discontinuity of 1µs. 2) No damage, crack or looseness of parts.					Х	_	
Environmenta	l characte	eristics					,						1	
Rapid change of temperature		Temperature -55 \rightarrow 5 to 35 \rightarrow +85 \rightarrow 5 TO 35 °C Time 30 \rightarrow 5 MAX \rightarrow 30 \rightarrow 5 MAX min Under 5 cycles.					1) Contact resistance: 10mΩ MAX. 2) Insulation resistance: 1000MΩ MIN. 3) No damage, crack or looseness of parts.					Х	_	
Damp heat (Steady state)		Exposed at 40 ± 2 °C, 90 to 95 %, 96 h.					 Contact resistance: 10mΩ MAX. Insulation resistance: 500MΩ MIN. No damage, crack or looseness of parts. 					Х	-	
Resistance to soldering heat		1) Solder bath method Solder temperature: 260°C for Immersion, duration: 10 sec. 2) Manual soldering Soldering iron temperature: 350°C Soldering time: 3 sec.					No deformation of case of excessive looseness of the terminals.					X	_	
Solderability		No strength on contact. Soldered at solder temperature,					Solder shall cover a minimum of						+	
Coldorability		245°C for insertion duration, 5sec.						95 % of the surface being immersed.					_	
Remarks Note1: Including the te Note2: No condensing Note3: Apply to the co After mounted Note4: Indicates the c	g. ondition of long I on PCB, oper	term storage f	ure and hu	midity range	e is applied	for inter	CB. im storag	e during tra	nsportation.			ature is	25°C.	
Count		scription of re					igned			hecked	•		ate	
<u> </u>		•												
	Unless otherwise specified, refer to IEC 60512.							Approve Checke		HS. OKAV		20200310		
Unless otherwise							ŀ	Designe		SN. MIW		-	00310	
Unless otherwise												20200306		
Unless otherwise								Drawn	DS.	HIROWA	TARI	202	00306	
Unless otherwise	ation Test <i>F</i>	AT:Assuranc	e Test X:/	Applicable	Test	[Drawing				tari 12132–!	1		
	Sp	AT:Assurance Decification	on she	et		Part				LC-30	2132-	53-0		