APPLICAB	LE STANDA	RD									
DATINO	OPERATING TEMPERATURE RANGE		−25 °C TO  +85	-	TORAGE TE	MPERATURE	-10	°C TO	+60	°C	
RATING					ANGE					-	
	VOLTAGE				IRE SIZE					_	
	CURRENT		2 A		PPLICABLE	GABLE					
		1	SPECI	FICATIO	NS .					1	
	EM		TEST METHOD			REQ	UIREMENTS	;		QT	AT
CONSTRU	CTION	1									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDI	NG TO DRAWING				Х	Х
MARKING		CONFIRMED								Х	Х
ELECTRIC	CHARACTE	RISTICS									
CONTACT RESISTANCE		CONTACT SHALL BE MEASURED AT DC 1 A				15 mΩ MAX.				Х	Х
INSULATION RESISTANCE		100 V DC.			100	1000 MΩ MIN.				Х	Х
VOLTAGE PROOF		1	/ AC. FOR 1 min.		NO FLAS	HOVER OR BREA	KDOWN.			Х	Х
MECHANIC	CAL CHARA									r	
CONTACT INSERTION AND		$\phi$ 0. 68 BY STEEL GAUGE.				INSERTION AND WITHDRAWAL FORCES : 0.2 N MIN.				х	_
WITHDRAWAL FORCES											
CONNECTOR INSERTION AND		MEASURED BY APPLICABLE CONNECTOR				INSERTION AND WITHDRAWAL FORCES				х	_
WITHDRAWAL FORCES		WITHOUT LOCKING DEVICE.				LOCKING DEVICE WITH UNLOCK : 25 N MAX.					
						LOCKING DEVICE WITH LOCK : - N MAX.				х	_
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.				CONTACT RESISTANCE: 30 mΩ MAX.				^	-
VIBRATION SHOCK BREAKING STRENGTH		FREQUENCY: $10 \rightarrow 55 \rightarrow 10$ (Hz) (1CYC, 5min),				①NO ELECTRICAL DISCONTINUITY OF 10 μs.				х	-
		SINGLE AMPLITUDE 0.75 mm, AT 10 CYC, FOR 3 DIRECTIONS.				(2)NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.					
		IN OPPOSITE DIRECTIONS OF EACH 3 DIMENSION AXIS FOR 3				(1) NO ELECTRICAL DISCONTINUITY OF 10 $\mu$ s.					
		TIMES AT 490 m/s <sup>2</sup> DURATIONS OF PULSE 11 ms.				② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				Х	-
		MAX 100 N SHALL BE APPLIED TO CABLE IN UP AND				KAGE MAX 100N					
			AND RIGHT DIRECTIONS WHEN MATE	D.						Х	-
	IENTAL CH				-					l	<u> </u>
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.			0	LATION RESIST		MIN		x	_
						(AT HIGH HUMIDITY). (2) INSULATION RESISTANCE: 100 M $\Omega$ MIN					
					0	DRY).	ANCE: TOO M Ω	MIN			
					,			OF DADTS			
		TEMPERATURE $-55 \rightarrow R/T^{(1)} \rightarrow +85 \rightarrow R/T \ ^{\circ}C$			-	③ NO DAMAGE. CRACK AND LOOSENESS OF PARTS. ① INSULATION RESISTANCE: 100 ΜΩ MIN					
					0	<ol> <li>MODELATION RESIDENTIAL TOO MISE MIN.</li> <li>NO DAMAGE. CRACK AND LOOSENESS OF PARTS.</li> </ol>				х	-
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				NO HEAVY CORROSION RUINS THE FUNCTION.				х	_
DRY HEAT		EXPOSED AT $+$ 85 °C, 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				х	-
COLD		EXPOSED AT $-55$ °C, 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				х	-
RESISTANCE TO SOLDERING		PLACE SOLDERING IRON (IRON TIP TEMPERATURE $+350\pm10^{\circ}$ C)				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS					
HEAT		AND SOLDER TO DIP AREA FOR $5 \pm 1$ s.				OF THE TERMINALS.				х	-
SOLDERABILITY		PLACE SOLDERING IRON(IRON TIP TEMPERATURE +350±10°C)				A SOLDERING SIDE IS TO BE WET WITH SOLDER.					
		AND SOLDER TO DIP AREA FOR 2 TO 3 s.				AND, NO SMALL LUMP OF THE SOLDER.				х	-
SEAL ING (2)		EXPOSED AT A DEPTH OF 1.8 m FOR 48 h.				NO WATER PENETRATION INSIDE CONNECTOR.				Х	-
AIR TIGHTNESS (2)		APPLY AIR PRESSURE 17.6kPa FOR 0.5min TO INSIDE				NO AIR BUBBLES INSIDE CONNECTOR.					
	(Z)	CONNECTOR.		INCIDE		DODDEED INOID	E COMMEDION.			х	-
COUN		1	ON OF REVISIONS	DES	SIGNED		CHEC	<pre>KED</pre>		DA	TE
<b>Q</b>				DE			011201				
-											
REMARK APPROVED HY. KOBAYAS								18.02.2			
		TIGHTNESS SHALL BE TESTED UNDER MATED CONDITIO			TION WITH	CHECKED		DBAYASHI		18.02.22	
	APPLICABLE (					DESIGNED	TY.	SUZUKI	$ \longrightarrow $	18.0	)2. 22
				100		DRAWN	НМ	SAITO		18.0	2, 20
Unless oth	nerwise spe	cified, re	fer to IEC 60512(JIS C 5	6402).							0
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWIN	RAWING NO. ELC-119579-3			/9-31	1-00	)	
		PECIFICATION SHEET			RT NO.	LF07WBRB-3SD(31)			(31)		
HRS	0										

FORM HD0011-2-1