APPLICAI	BLE STA	NDARD									
DATING	OPERATING TEMPERATURE RANGE VOLTAGE CURRENT						/IPERATURE		−10 °C TO +60	°C	
RATING			AC 30 V , DC 42	V	RANG						
			2 A		ADDI	ICABLE	CARL F		<u>-</u>		
	CONNENT						UADLL				
				CIFICA	HON	<u> </u>				T	Τ
	EM		TEST METHOD				R	REQU	IREMENTS	QT	AT
CONSTRU						I				Тх	TV
GENERAL EXAMINATION			VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				X
MARKING			CONFIRMED VISUALLY.								X
ELECTRIC CHARACTE		TERISTICS					T				T
CONTACT RESISTANCE		CONTACT S	CONTACT SHALL BE MEASURED AT DC 1 A				15 mΩ MAX.				X
INSULATION RESISTANCE		100	100 V DC.			1000 MΩ MIN.				X	X
VOLTAGE PROOF			300 V AC. FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				X
		RACTERIST	ICS							1	
CONTACT INSERTION AND WITHDRAWAL FORCES		φ0.53±0	ϕ 0. 53 \pm 0. 003 BY STEEL GAUGE.			INSERTION AND WITHDRAWAL FORCES : 0.4 N MIN.				Х	_
CONNECTOR INSERTION AND WITHDRAWAL FORCES		MEASURED	MEASURED BY APPLICABLE CONNECTOR.				INSERTION AND WITHDRAWAL FORCES LOCKING DEVICE WITH UNLOCK : — N MAX.				
											-
							LOCKING DEVICE WITH LOCK : 50 N MAX.				<u> </u>
MECHANICAL OP	PERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.			CONTACT RESISTANCE: 30 mΩ MAX.				X	<u> </u>
VIBRATION			FREQUENCY: $10 \rightarrow 55 \rightarrow 10 \text{ (Hz) (1CYC, 5min)},$				①NO ELECTRICAL DISCONTINUITY OF 10 μs. ②NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				
			SINGLE AMPLITUDE 0.75 mm, AT 10 CYC, FOR 3								-
			DIRECTIONS.								1
			490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				
ENIVIDONIA	MENITAL C	HARACTE				(Z) NO D	AMAGE, OF	AUN A	UND LOUSENESS, OF PARTS.	<u> </u>	<u> </u>
	MENTAL C					A INCH	LATION DE	CLCTA	NOT: 10 NO NIN		Т
DAMP HEAT (STEADY STATE)		EXPUSED A	EXPOSED AT 40 °C, 90 TO 95 %, 96 h.			~	① INSULATION RESISTANCE: 10 MΩ MIN (AT HIGH HUMIDITY).				
									NCE: 100 MΩ MIN (AT	X	
							DRY).				-
							③ NO DAMAGE CRACK AND LOOSENESS OF PARTS.				
RAPID CHANGE OF		TEMPERATU	TEMPERATURE $-55 \rightarrow R/T^{(1)} \rightarrow +85 \rightarrow R/T$ °C			① INSULATION RESISTANCE: 100 MΩ MIN.					
TEMPERATURE		TIME 30 -	TIME 30 → 10 TO 15 → 30 → 10 TO 15 min			② NO DAMAGE. CRACK AND LOOSENESS OF PARTS.				X	_
		UNDER 5 C	YCLES.								
CORROSION SALT MIST		EXPOSED I	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSIN RUIN THE FUNCTION.				X	
DRY HEAT		EXPOSED A	EXPOSED AT + 85 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				X	_
COLD		EXPOSED A	EXPOSED AT - 55 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				Х	T _
RESISTANCE TO SOLDERING		SOLDER TE	SOLDER TEMPERTURE +350±10°C, FOR IMMERSION			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS					
HEAT		DURATION,	· ·				0F				_
		3 TO 4 s.	3 TO 4 s.				THE TERMINALS				
SOLDERABILITY		SOLDERED	SOLDERED AT SOLDER TEMPERTURE, +350±10°C FOR			SOLDER SURFACE TO BE FREE FROM PIN-HOLE, NO				X	
			IMMERSION DURATION, 2 TO 3 s				WETTING AND OTHER DEFECTS.				 -
SEALING		EXPOSED A	EXPOSED AT A DEPTH OF 1 m FOR 0.5 h.			NO WATER PENETRATION INSIDE CONNECTOR.				X	_
AIRTIGHTNESS		APPLY AIR	APPLY AIR PRESSURE 17.6kPa FOR 0.5min TO INSIDE			NO AIR	NO AIR BUBBLES INSIDE CONNECTOR.				
		CONNECTOR	CONNECTOR.							X	_
COUN	-	DESCRIPTION	ON OF REVISIONS		DESIG	NED			CHECKED	 D/	TE
	1	DESCRIPTION	DIN OF REVISIONS		DESIG	אוובט			CHECKED	D/	ATE
<u> </u>											
REMARK	· DOOM TE	MDEDATUDE	RATURE IGHTNESS SHALL BE TESTED BY APPLICABLE CONNECTOR.			APPROVED		VED	SU. OBARA	09. 12. 04	
NOTES (1) R/T						CHECKED		(ED	HY. KISHI	09. 12. 04	
(Z) OLALING AND AINTIGHTNE			THESE STATES OF ALTEROADEL CONNECTION.			DESIGNED		NED	TY. SUZUK I	09. 12. 04	
Unles	s otherwis	se specified	ecified, refer to JIS C 5402.			DRAWN		VN	TY, SUZUK I	09. 12. 04	
					FI 04 44 0000						
						RAWING NO.			ELC4-116600-00 HR30-7PB-12S		
HS.			005 51 507010 00 1 70			NO.	OI.	120)-0035-5-00 <u>^</u>		1/4
		いくろに にし	LUTNIC CO., LTD.		CODE	: NO.	UL	. I J L	/_UU35_5_UU	<u> </u>	1/ 1