APPLICAE	LE STANDA	RD									
OPERATING							MPERATURE	П	-10°C TO +60°		
RATING	TEMPERATURE RANGE		RANG			iΕ					
	VOLTAGE		AC 600 V , DC 600 V			_	_		_		
	CURRENT						CABLE		_		
			SPEC	CIFICA							
ľ	 ГЕМ		TEST METHOD	311 107		Ĭ	R	FQU	IREMENTS	QT	АТ
CONSTRU			TEOT METHOD			<u> </u>			II CEMILITY O	<u> </u>	
GENERAL EXAM		VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.					Х
MARKING	111///11/014	CONFIRMED VISUALLY.			ACCONDING TO DIAMING.				X	X	
	CHARACTI										
CONTACT RESI		CONTACT SHALL BE MEASURED AT DC 1A.					0.5 mΩ MAX X				
INSULATION RESISTANCE		500 V DC.			1000 MΩ MIN.				X	X	
VOLTAGE PROOF		3310 V AC. FOR 1 min.			NO FLASHOVER OR BREAKDOWN.				X	X	
	CAL CHARA					INO FLAS	ONUVER OR	DNEAD	ADOWN.		L ^`
						INCEDTI	ON AND WI	TUDDA	AWAL FORCES : 1 7 M MIN		l
CONTACT INSERTION AND WITHDRAWAL FORCES		$\phi 7.98^{+0}_{-0.003}$ by steel auge.			INSERTION AND WITHDRAWAL FORCES: 1.7 N MIN.				-	-	
CONNECTOR INSERTION AND		MEASURED	MEASURED BY APPLICABLE CONNECTOR.			INSERTION AND WITHDRAWAL FORCES : 70 N MAX.				,,	
WITHDRAWAL FORCES		WITHOUT LOCKING DEVICE.			(INITIAL MEASUREMENTS)				X	-	
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.				①NO DAMAGE, CRACK AND LOOSENESS OF PARTS. ②CONTACT RESISTANCE :1 mΩ MAX				1,,	
										X	-
							③INSERTION AND WITHDRAWAL FORCES :100 N MAX.				
VIBRATION		FREQUENCY: $10 \rightarrow 55 \rightarrow 10$ (Hz) (1CYC, 5min),				①NO ELECTRICAL DISCONTINUITY OF 10 μs.				X	l _
		SINGLE AN	SINGLE AMPLITUDE 0.75 mm, AT 10 CYC, FOR 3				②NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				_
		DIRECTIONS.									
SHOCK						① NO ELECTRICAL DISCONTINUITY OF 10 μs.				×	_
							AMAGE, CR	ACK A	AND LOOSENESS, OF PARTS.		
	MENTAL CH									1	Г
DAMP HEAT		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.						NCE: 10 MΩ MIN	×	_	
(STEADY STAT	E)					(AT HIGH HUMIDITY). ② INSULATION RESISTANCE: 100 MΩ MIN				, ,	
						(AT DRY).					
						(3) NO DAMAGE CRACK AND LOOSENESS OF PARTS.					
RAPID CHANGE	0F		TEMPERATURE $-55 \rightarrow R/T^{(2)} \rightarrow +105 \rightarrow R/T ^{\circ}C$			① INSULATION RESISTANCE: 1000 MΩ MIN.				X	_
TEMPERATURE		TIME 30 \rightarrow 2 TO 3 \rightarrow 30 \rightarrow 2 TO 3 min UNDER 5 CYCLES.									
CORROSION SA	LT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				NO HEAVY CORROSION RUIN THE FUNCTION.					_
DRY HEAT		EXPOSED AT +105°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.					
		EAFOSED AT -55 C, 90 H.				NO DAMAGE, GRACK AND EUGSENESS OF PARTS.				Х	
COUN	IT C	ESCRIPTI	SCRIPTION OF REVISIONS		DESIG	GNED			CHECKED	DA	TE
<u> </u>	· -								511251125		
REMARK											
	EDATING TEMP	DATUDE DA	RATURE RANGE INCLUDES THE TEMPERATURE RISE BY CURI					/ED	SU. OBARA		2. 04
l ' '	RRYING.	INATONE NA							UN 1/0D 1//10U1		
	: ROOM TEMPE	ATURE. TIONS SHOWS THE VALUES IN ASSEMBLED CONDITION WITH			CHECKI		ED	HY. KOBAYASHI	14. 02. 04		
					H DESIGNE		IFD	HS. KAWASHIMA	14. 0	2 04	
APPLICABLE CRIMP CONTACTS.						520.0.125			TIO, TO HIS CONTINUE	11, 02, 04	
(4) THIS CONNECTOR IS DESIGNED TO BE USED UNDER STATIONARY CONDITIONS.											
, ,						DRAWN		_{/N}	HS. KAWASHIMA	14. 0	2 04
PL	EASE AVOID A	PPLICATION	PLICATIONS THAT VIBRATION IS APPLIED.				DIXAVVIV		ПЭ. NAWASHIMA		∠, U4
Unless ot	nerwise spe	ecified, re	efer to JIS C 5402(IEC	60512	.).						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DF	RAWING NO.			ELC4-118304-10		
HRS	S	SPECIFICATION SHEET			PART NO.		EM12MR-1SCA (10)				
Cn		HIROSE ELECTRIC CO., LTD.			CODE NO.		CL138-0030-2-10 🛕 1/1				
	THROOL LLLOTRIO GO., LTD.				LODE NO.		0L130-0030-Z-10 ZUX 1/1				

