APPLICABI	LE STANDA	RD								
RATING	OPERATING TEMPERATURE RANGE				STOR/ RANGI		MPERATURE	-10 °C TO +60	°C	
	VOLTAGE		AC 100 V , DC 14	40 V	WIRE	SIZE				
	CURRENT	5 A APPL			APPL	ICABLE	CABLE	φ4.2 TO φ5		
			SPEC	CIFICA.	TIONS	3				
IT	EM		TEST METHOD				REC	QUIREMENTS	QT	АТ
CONSTRU	CTION	1			l					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.			Х	Х
MARKING		CONFIRMED VISUALLY.				Alsosophia to bivinitia.				Х
ELECTRIC CHARACTE										
CONTACT RESISTANCE  INSULATION RESISTANCE		CONTACT SHALL BE MEASURED DC 1 A				5 mΩ MAX.			Х	Х
		CONTACT SHALL BE MEASURED DC —— A				— mΩ MAX.			Х	Х
		100 V DC.				1000 MΩ MIN.			Х	Х
VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.			Х	Х
MECHANIC	CAL CHARAC	CTERIST	ICS		L					
CONTACT INSERTION AND WITHDRAWAL FORCES		$\phi$ 0. 991 $^{+0.003}_{0}$ BY STEEL GAUGE.				INSERTION AND WITHDRAWAL FORCES : 0.2 N MIN.				_
CONNECTOR INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR LOCKING DEVICE WITH LOCK.				INSERTION AND WITHDRAWAL FORCES : 30 N MAX.			Х	_
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.				CONTACT RESISTANCE: 10 mΩ MAX.			X	<del>                                     </del>
		1000 TIMES INSERTIONS AND EXTRACTIONS.				RESISTANCE: mΩ MAX.			+^	+-
									<u> </u>	<del>  -</del>
SHOCK  BREAKING STRENGTH		FREQUENCY 10 TO 55 Hz, (1CYC, 5min) SINGLE AMPLITUDE				① NO ELECTRICAL DISCONTINUITY OF 10 μs.			X	-
		0.75 mm, AT 10CYC, FOR 3 DIRECTIONS				② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. ① NO ELECTRICAL DISCONTINUITY OF 10 µs.			Х	
		IN OPPOSITE DIRECTIONS OF EACH 3 DEMENSION ALAXIS FOR 3 TIMES AT 490 m/s <sup>2</sup> DURATION OF PULSE 11 ms.				② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			^	_
						NO BREAKAGE OF CONNECTOR.			Х	<u> </u>
		LEFT AND RIGHT DIRECTIONS WHEN MATED				NO DILA	INAUL OF COM	NLOTON.	^	
ENVIRONM	MENTAL CHA				t				1	1
DAMP HEAT		EXPOSED AT 40 °C. 90 TO 95 %, 96 h.			① INSULATION RESISTANCE: 10 M $\Omega$ MIN			Х		
(STEADY STATE)		2,002,000,000,000,000,000				(AT HIGH HUMIDITY).				
						② INSULATION RESISTANCE:100 MΩ MIN (AT DRY).				
						③ NO DAMAGE CRACK AND LOOSENESS OF PARTS.				
RAPID CHANGE OF TEMPERATURE		TEMPERATURE $-55^{\circ}\text{C} \rightarrow \text{R/T}^{(1)} \rightarrow +85^{\circ}\text{C} \rightarrow \text{R/T}$ TIME 30 $\rightarrow$ 10 TO 15 $\rightarrow$ 30 $\rightarrow$ 10 TO 15 min UNDER 5 CYCLES.				① INSULATION RESISTANCE: 100 MΩMIN. ② NO DAMAGE. CRACK AND LOOSENESS OF PARTS.				_
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				NO HEAVY CORROSION.				†
DRY HEAT		EXPOSED AT + 85 °C , 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				<b>†</b> _
COLD						NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			Х	_
RESISTANCE TO SOLDERING		SOLDER TEMPERATURE, + 380±10 °C , FOR IMMERSION				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS				_
HEAT		DURATION, $3_0^{+1}$ s.				OF THE TERMINALS.				
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE. +350±10°C FOR				   SOLDER SURFACE TO BE FREE FROM PIN-HOLE. NO				<u> </u>
		IMMERSION DURATION, 2 TO 3 s.				WETTING AND OTHER DEFECTS.				
SEALING (2)		EXPOSED AT A DEPTH OF 1m FOR 0.5 h.				NO WATER PENETRATION INSIDE CONNECTOR.				_
AIRTIGHTNESS (2)		APPLY AIR PRESSURE 17.6 kPa FOR 0.5min TO INSIDE CONNECTOR			NO AIR BUBBLES INSIDE CONNECTOR			Х	_	
COUN	T DE	SCRIPTION	ON OF REVISIONS		DESIG	NED		CHECKED	DA	TE
۵										
REMARK							APPROVE	ED HY. KOBAYASHI	10 0	06. 05
	T : ROOM TEMPI	RATURE IGHTNESS SHALL BE TESTED BY APPLICABLE CONNECTOR			CHECKED HY. KOBAYASHI					
					₹.	DESIGNE		18. 06. 05 18. 06. 05		
						DESIGNED DS. MAISUNE			10.0	,u. UÜ
Unless otherwise specified			ed, refer to IEC 60512.(JIS C 5402)			DRAWN DS. MATSUNE 18. 06.			6. 05	
		· · · · · · · · · · · · · · · · · · ·				RAWING NO. ELC-112005-3			1-00	)
		PECIFICATION SHEET			PART			HR30-6P-3S (31)		
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