APPLICABI	LE STANDAF	RD									
	Operating Temperature Range		1 -25°L to +85°L			torage Temperature ange		re	-10°C to +60°C		
Rating	Voltage		AC 30 V, DC 42 V			e Size			26 to 30 AW Insulation outside diame	-	MAX
	Current	2A Applicable Cable							φ8.7±0.2		
			SPE	CIFICA	TION	S					
	EM		TEST METHOD					REQU	IREMENTS	QT	АТ
CONSTRU		1				1				1	
General Examination			visually and with a measuring in	nstrument.		Accordin	ng to the	drawin	g.	Х	X
Marking		Confirmed visually.								Х	Х
ELECTRICAL CHARAC						T .				Ιx	Τ -
Contact Resistance Insulation Resistance		Measured at DC 1A. Measured at 100 V DC.				30 mΩ MAX. 1000 MΩ MIN.				X	+-
Voltage Proof MECHANICAL CHARA(• •				No flashover or breakdown.				Х	
Contact Inserti	on and		with a - steel gauge.			Insertion	and ext	raction	forces: - N MIN.		
Extraction Forces		measured man a octor gauge.									_
Connector Insertion and		Measured with an applicable connector.				Insertion	and with	hdrawa	I forces : 50 N MAX.	Х	-
Withdrawal Forces		(Without lock)									
Mechanical Operation		Mated and unmated 1000 times.							nΩ MAX.	Х	_
Vibration		Frequency: 10 Hz to 55 to 10 Hz every cycle (5 min per cycle)				1) No electrical discontinuity of more than 10 μs.				X	_
		Single amplitude: 0.75 mm				No damage, cracks or looseness of parts.					
		Performed over 10 cycles in each of three mutually									
		perpendicular directions.									
Shock		Acceleration: 490 m/s ² , Half sine wave pulses of 11 ms.				1) No electrical discontinuity of more than 10 μs.					
						2) No damage, cracks or looseness of parts.				Х	-
Contact Potent	tion Force	directions. Applying a pull force the wire after the applicable				20 N MIN.					
Contact Retention Force		crimped contact is assembled the body.				20	IN	IVIIIN.			-
Breaking Stren	gth	<u> </u>	oplied to the plug body in up, do	wn,		No breal	kage at 1	100 N.			
		left and right directions while mated.								×	_
ENVIRONM	MENTAL CHA	RACTE	RISTICS								
Damp Heat, Steady State		95% for 96 hours.				 Insulation resistance: 10 MΩ MIN. (At high humidity) Insulation resistance: 100 MΩ MIN. (When dry) 				X	-
						3) No damage, cracks or looseness of parts.					
Rapid Change	of Temperature	· ·				1) Insulation resistance: 100 MΩ MIN.				X	_
		Time: $30 \rightarrow 2$ to $3 \rightarrow 30 \rightarrow 2$ to 3 min				2) No damage, cracks or looseness of parts.					
Corrosion Salt Mist		for 5 cycles. Subjected to 5% salt spray for 48 hours.			No heavy corrosion which impairs functionality. (compatibility)				Х	_	
Dry Heat		Subjected	bjected to +85°C for 96 hours.			No damage, cracks or looseness of parts.				X	_
Cold		Subjected to -55°C for 96 hours.			No damage, cracks or looseness of parts.				Х	_	
Sealing ⁽²⁾		Subjected to a depth of 1.8 m for 48 hours.			No water penetration into the connector.					+	
Air Tightness ⁽²⁾		17.6 kPa of air pressure applied to the inside of the mated connector for 30 seconds.				No air bubbles emitted from the inside of the				X	_
						connecto	or.			Х	
COUN.	T DE	SCRIPTION	ON OF REVISIONS		DESIG	SNED			CHECKED		ATE
0											
NOTES						APPI		OVED	TP. KOMATSU	2024011	
, ,	/T : Room Ter	Fightness are tested in mated condition with an				CHEC		KED	KI. NAGANUMA	2024011 2024011	
	-							SNED	YJ. KOGA		
	pplicable conn		ctor. fied, refer to IEC 60512. (JIS C 5402)				DRAWN		KR. SUZUKI	2024011	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test						.					
				est	DI PART	RAWIN	LF13WBP-20PC			·UU-U	U
HS.		LOII IOATION STILLT							A ^	4 /4	
	HIR	OSE ELECTRIC CO., LTD. CODE				ENO. CL0136-0040-0-00 🛆				<u> </u>	1/1