	Operating Temperature	Rance	-25°C to +85°C		Storage Temperature Range		-10°C to +60°C		
		Range			/ire Size		26 to 30 AW	G	
Rating	Voltage Current		, -		pplicable C	able	Insulation outside diam ϕ 8.7±0.2	eter ϕ 1	MAX
	Cullent						φ 0.1±0.2		
	ТЕМ		TEST METHOD			PEO	UIREMENTS	QT	Δ-
						REQ	UIREMENTS	QI	A
General Exam		Examined vis	sually and with a measuring in	strument.	Accordin	a to the drowi	20	Х	X
Marking		Confirmed visually.			Accordin	g to the drawi	ng.	X	X
ELECTRICAL CHARAC		*							1
Contact Resistance		Measured at DC 1A.				IAX.		Х	-
Insulation Resistance		Measured at 100 V DC.			1000 M	1000 MΩ MIN.			-
Voltage Proof		300 V AC applied for 1 min.			No flash	No flashover or breakdown.			-
	CAL CHARA	TERISTIC	S		-				
Contact Insert Extraction For		Measured wi	ith a ϕ 0.53±0.003 steel gaug	e.	Insertion	and extractio	n forces: 15 N MIN.	_	_
Connector Insertion and Withdrawal Forces		Measured with an applicable connector. (Without lock)			Insertion	Insertion and withdrawal forces : 50 N MAX.			-
Mechanical Operation		Mated and unmated 1000 times.			Contact	Contact resistance: 50 mΩ MAX.			- 1
Vibration		Frequency: 10 Hz to 55 to 10 Hz every cycle (5 min per cycle)				 No electrical discontinuity of more than 10 μs. No damage, cracks or looseness of parts. 			-
		Single amplitude: 0.75 mm Performed over 10 cycles in each of three mutually				<u> </u>			
		perpendicular directions. Acceleration: 490 m/s ² , Half sine wave pulses of 11 ms.				ectrical discon	tinuity of more than 10 μs.		
Chock	SHOCK						or looseness of parts.	V	
		directions.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		· · · · · · · · · · · · · · · · · · ·	х	_
Contact Retention Force		Applying a pull force the wire after the applicable crimped contact is assembled the body.			20	N MIN.			-
Breaking Stre	ngth	Force is appl	lied to the plug body in up, dow	wn,	No break	kage at 100 N			
		left and right directions while mated.						x	_
ENVIRON	MENTAL CHA	RACTERI	STICS						
Damp Heat, Steady State		Subjected to a temperature of +40°C, at a humidity of 90 to 95% for 96 hours.			(At hi 2) Insula	 Insulation resistance: 10 MΩ MIN. (At high humidity) Insulation resistance: 100 MΩ MIN. (When dry) 			-
					,	3) No damage, cracks or looseness of parts.			
Rapid Change of Temperature		Temperature: -55 \rightarrow R/T ⁽¹⁾ \rightarrow +85 \rightarrow R/T °C Time: 30 \rightarrow 2 to 3 \rightarrow 30 \rightarrow 2 to 3 min			'	 Insulation resistance: 100 MΩ MIN. No damage, cracks or looseness of parts. 			-
Corrosion Salt Mist		for 5 cycles. Subjected to	or 5 cycles. Subjected to 5% salt spray for 48 hours.			No heavy corrosion which impairs functionality.			_
Joion Odi		Subjected to	Subjected to +85°C for 96 hours.			(compatibility) No damage, cracks or looseness of parts.			_
			Subjected to -55°C for 96 hours.			No damage, cracks or looseness of parts.			_
Dry Heat		Subjected to	-55°C for 96 hours.		No dama	age, cracks or	looselless of parts.	х	
Dry Heat Cold Sealing ⁽²⁾		,	-55°C for 96 hours. a depth of 1.8 m for 48 hours			-	nto the connector.	x x	_
Dry Heat Cold	2)	Subjected to 17.6 kPa of a			No wate	r penetration in			-
Dry Heat Cold Sealing ⁽²⁾ Air Tightness ⁽²⁾		Subjected to 17.6 kPa of a connector for	a depth of 1.8 m for 48 hours. air pressure applied to the insi	de of the mated	No wate No air bu	r penetration in	nto the connector.	x x	– – ATE
Dry Heat Cold Sealing ⁽²⁾ Air Tightness ⁽²⁾ COUN		Subjected to 17.6 kPa of a connector for	a depth of 1.8 m for 48 hours air pressure applied to the insi r 30 seconds.	de of the mated	No wate No air bu connecto	r penetration in	nto the connector.	x x	ATE
Dry Heat Cold Sealing ⁽²⁾ Air Tightness ⁽²⁾ COUN		Subjected to 17.6 kPa of a connector for	a depth of 1.8 m for 48 hours air pressure applied to the insi r 30 seconds.	de of the mated	No wate No air bu connecto BIGNED	r penetration in ubbles emitted or.	TP. KOMATSU	x x D/ 202	4011
Dry Heat Cold Sealing ⁽²⁾ Air Tightness ⁽²⁾ Air Tightness ⁽²⁾ Air Tightness ⁽²⁾ Air Tightness ⁽²⁾ Air Tightness ⁽²⁾ OUL NOTES (1) F	NT DE	Subjected to 17.6 kPa of a connector fo SCRIPTION	a depth of 1.8 m for 48 hours air pressure applied to the insi- r 30 seconds. N OF REVISIONS	de of the mated	No wate No air bu connecto BIGNED	APPROVEE CHECKED	The connector.	X X D/ 202 202	4011 4011
Dry Heat Cold Sealing ⁽²⁾ Air Tightness ⁽²⁾ COUN Q NOTES (1) F (2) S	IT DE	Subjected to 17.6 kPa of a connector fo SCRIPTION	a depth of 1.8 m for 48 hours air pressure applied to the insi r 30 seconds.	de of the mated	No wate No air bu connecto BIGNED	r penetration in ubbles emitted or.	The connector.	X X D/ 202 202	4011 4011
Dry Heat Cold Sealing ⁽²⁾ Air Tightness ⁽²⁾ COUN Q NOTES (1) F (2) S a	R/T : Room Ter Sealing and Air applicable conn	Subjected to 17.6 kPa of a connector fo SCRIPTION nperature Tightness a ector.	a depth of 1.8 m for 48 hours air pressure applied to the insi- r 30 seconds. N OF REVISIONS	de of the mated	No wate No air bu connecto SIGNED	APPROVEE CHECKED	The connector.	X X D/ 202 202 202	4011 4011 4011
Dry Heat Cold Sealing ⁽²⁾ Air Tightness ⁽¹⁾ Air Tightness ⁽²⁾ Air Tightness ⁽²⁾ (1) F (2) S (1) F (2) S (2) S	R/T : Room Ter Sealing and Air applicable conn herwise spe	Subjected to 17.6 kPa of a connector for SCRIPTION nperature Tightness a ector. cified, refe	a depth of 1.8 m for 48 hours air pressure applied to the insi- r 30 seconds. N OF REVISIONS	de of the mated DES on with an C 5402)	No wate No air bu connecto SIGNED	APPROVED CHECKED DESIGNED	The connector.	x x D/ 202 202 202 202 202	4011 4011 4011 4011
Dry Heat Cold Sealing ⁽²⁾ Air Tightness ⁽¹⁾ Air Tightness ⁽²⁾ OUL (1) F (2) S (1) F (2) S (2)	R/T : Room Ter Sealing and Air applicable conn herwise sper Qualification Tes	Subjected to 17.6 kPa of a connector foi SCRIPTION SCRIPTION Tightness a ector. cified, refe at AT:Assu PECIFIC	a depth of 1.8 m for 48 hours air pressure applied to the insi- r 30 seconds. N OF REVISIONS re tested in mated condition er to IEC 60512. (JIS	de of the mated DES on with an C 5402) est	No water No air bu connecto	APPROVED CHECKED DESIGNED DRAWN G NO.	The connector.	x x D/ 202 202 202 202 202	4011 4011 4011 4011