	Operating				Storage Te	mperature			
Rating	Operating Temperature Range ⁽²⁾ Voltage Current ⁽¹⁾		-40°C to +105°C Ran AC, DC 1000 V		Range		-10°C to +60	D∘C	
					-	-	_		
					Applicable	able Cable $\phi 10.7 \sim 11.$			
			SPF	ECIFICATI	ONS		·		
	TEM		TEST METHOD			REOL	IIREMENTS	QT	Α
)		REQU		QI	F
General Exam		Examined y	visually and with a moasuring	instrument				Х	
Varking		Examined visually and with a measuring instrument. Confirmed visually.			Accordi	ng to the drawing	g.	X	
	CAL CHARA							^	
					5			Х	1
Contact Resistance		Measured at DC 1A.			5 mΩ N			X	
Voltage Proof		Measured at 500 V DC. 2200 V AC applied for 1 min.				5000 MΩ MIN. No flashover or breakdown.			
Impulse Voltage Proof		Subjected to a standard waveform of 15kV in mated condition				nover or breakdo		X	
		Subjected to a standard waveform of 15kV in mated condition $(1.2/50\mu s)$ waveform, applied in both positive and negative				lover of breakde			
			times each).	live and negativ	C				
	CAL CHARA	·	,						
Contact Insert					Incortio	n and ovtraction	forcos: - NIMIN		1
Extraction Forces		Measured with a ϕ steel gauge.			Insento	Insertion and extraction forces: - N MIN.			
Mating and		Measured with an applicable connector.			Mating	Mating and unmating forces: 100 N MAX.			1
Unmating For	ces					-		Х	•
Contact Retention Force		Subjected to a 20N force from the wiring side.			No mov	No movement of contact.			
Mechanical Operation		Mated and unmated 500 times.			Contact	Contact resistance: 10 mΩ MAX.			
Vibration			Frequency: 10 Hz to 55 to 10 Hz every cycle (5 min per cycle)			1) No electrical discontinuity of more than 10 μ s.			
		Single amplitude: 0.75 mm				lo damage, cracks or looseness of parts.			
			over 10 cycles in each of thre	e mutually	,	0,	·		
Shock			lar directions. n: 490 m/s ² Half sine wave	pulses of 11 m	1) No e	lectrical disconti	nuity of more than 10 μs.		-
Shock		Acceleration: 490 m/s ² , Half sine wave pulses of 11 ms. Performed 3 times in each of three mutually perpendicular			'		r looseness of parts.	Х	
		diam at a sec							
		directions.			2) NO U	amage, eraene e			
ENVIRONI	MENTAL CH		ISTICS		2) NO G				
	MENTAL CH	IARACTER	RISTICS re: -40 \rightarrow R/T ⁽³⁾ \rightarrow +105 \rightarrow	R/T °C	2) 110 0	ation resistance:			
		IARACTER e Temperatur			1) Insul	ation resistance:		x	
		IARACTER e Temperatur	re: -40 \rightarrow R/T ⁽³⁾ \rightarrow +105 \rightarrow \rightarrow 2 to 3 \rightarrow 30 \rightarrow 2 to 3 min		1) Insul	ation resistance:	500 MΩ MIN.	x	-
Rapid Change	e of Temperature	IARACTER Temperatur Time: 30	re: -40 → R/T ⁽³⁾ → +105 → → 2 to 3 → 30 → 2 to 3 min o a temperature of +40°C, at	١	1) Insul: 2) No d	ation resistance: amage, cracks o ation resistance:	500 MΩ MIN. r looseness of parts.		-
	e of Temperature	IARACTER Temperatur Time: 30 - for 5 cycles.	re: -40 → R/T ⁽³⁾ → +105 → → 2 to 3 → 30 → 2 to 3 min o a temperature of +40°C, at	١	1) Insul 2) No d) to 1) Insul (At t	ation resistance: amage, cracks o ation resistance: nigh humidity)	500 MΩ MIN. r looseness of parts. 50 MΩ MIN.	x	-
Rapid Change	e of Temperature	IARACTER Temperatur Time: 30	re: -40 → R/T ⁽³⁾ → +105 → → 2 to 3 → 30 → 2 to 3 min o a temperature of +40°C, at	١	1) Insul: 2) No d:) to 1) Insul: (At t 2) Insul:	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance:	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry)		
Rapid Change Damp Heat, S	e of Temperature	IARACTER e Temperatur Time: 30 – for 5 cycles. Subjected to 95% for 96	re: -40 → R/T ⁽³⁾ → +105 → → 2 to 3 → 30 → 2 to 3 min o a temperature of +40°C, at hours.	١	1) Insul 2) No d) to 1) Insul (At t 2) Insul 3) No d	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks o	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts.		
Rapid Change Damp Heat, S Corrosion Sal	e of Temperature	IARACTER Temperatur Time: 30	re: -40 → R/T ⁽³⁾ → +105 → → 2 to 3 → 30 → 2 to 3 min o a temperature of +40°C, at hours. o 5% salt spray for 48h.	١	1) Insul: 2) No d 0 to 1) Insul: (At h 2) Insul: 3) No d No hear	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks o vy corrosion white	500 MΩ MIN. or looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) or looseness of parts. ch impairs functionality.	x	
Rapid Change Damp Heat, S Corrosion Sal Dry Heat	e of Temperature	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to 95% for 96 Subjected to Subjected to	re: -40 → R/T ⁽³⁾ → +105 → → 2 to 3 → 30 → 2 to 3 min o a temperature of +40°C, at hours. o 5% salt spray for 48h. o +105°C for 96h.	١	1) Insul: 2) No d (At h 2) Insul: (At h 2) Insul: 3) No d No hear	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks o vy corrosion which age, cracks or lo	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts.	x x x x	
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold	e of Temperature	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to 95% for 96 Subjected to Subjected to Subjected to	re: -40 → R/T ⁽³⁾ → +105 → → 2 to 3 → 30 → 2 to 3 min o a temperature of +40°C, at hours. o 5% salt spray for 48h. o +105°C for 96h. o -40°C for 96h.	n a humidity of 90	1) Insul 2) No d 2) No d (At h 2) Insul 3) No d No hear No dam	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks o vy corrosion white nage, cracks or lo	500 MΩ MIN. or looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. poseness of parts.	x	
Rapid Change	e of Temperature	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to 95% for 96 Subjected to Subjected to Subjected to	re: -40 → R/T ⁽³⁾ → +105 → → 2 to 3 → 30 → 2 to 3 min o a temperature of +40°C, at hours. o 5% salt spray for 48h. o +105°C for 96h.	n a humidity of 90	1) Insul 2) No d 2) No d (At h 2) Insul 3) No d No hear No dam	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks o vy corrosion white nage, cracks or lo	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts.	x x x x	-
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾	e of Temperature Steady State t Mist ⁽⁴⁾	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $\Rightarrow 2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ \cdot o a temperature of $+40^{\circ}\text{C}$, at hours. $\circ 5\%$ salt spray for 48h. $\circ +105^{\circ}\text{C}$ for 96h. $\circ -40^{\circ}\text{C}$ for 96h. $\circ a$ depth of 2 m for 14 days.	a humidity of 90	1) Insul: 2) No d (At r 2) Insul: 3) No d No hear No dam No dam No wate connect	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks or vy corrosion which age, cracks or lo age, cracks or lo	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. poseness of parts. the inside of the	x x x x x	
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾	e of Temperature Steady State t Mist ⁽⁴⁾	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to	re: -40 → R/T ⁽³⁾ → +105 → → 2 to 3 → 30 → 2 to 3 min o a temperature of +40°C, at hours. o 5% salt spray for 48h. o +105°C for 96h. o -40°C for 96h.	a humidity of 90	1) Insul: 2) No d (At r 2) Insul: 3) No d No hear No dam No dam No wate connect	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks or vy corrosion which age, cracks or lo age, cracks or lo	500 MΩ MIN. or looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. poseness of parts.	x x x x x	-
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽⁴⁾	e of Temperature Steady State t Mist ⁽⁴⁾	IARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to Subjected to Subjected to	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ o a temperature of $+40^{\circ}\text{C}$, at hours. o 5% salt spray for 48h. o $+105^{\circ}\text{C}$ for 96h. o -40°C for 96h. o a depth of 2 m for 14 days. plied to the inside of the conn	a humidity of 90	1) Insula 2) No da (At H 2) Insula 3) No da No hear No dam No dam	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks or vy corrosion which age, cracks or lo age, cracks or lo	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. booseness of parts. the inside of the inside of the connector.	x x x x x x x x	-
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽	e of Temperature Steady State t Mist ⁽⁴⁾	IARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to Subjected to Subjected to	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $\Rightarrow 2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ \cdot o a temperature of $+40^{\circ}\text{C}$, at hours. $\circ 5\%$ salt spray for 48h. $\circ +105^{\circ}\text{C}$ for 96h. $\circ -40^{\circ}\text{C}$ for 96h. $\circ a$ depth of 2 m for 14 days.	a humidity of 90	1) Insul: 2) No d (At r 2) Insul: 3) No d No hear No dam No dam No wate connect	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks or vy corrosion which age, cracks or lo age, cracks or lo	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. poseness of parts. the inside of the	x x x x x x x	-
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽	e of Temperature Steady State t Mist ⁽⁴⁾	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ o a temperature of $+40^{\circ}\text{C}$, at hours. o 5% salt spray for 48h. o $+105^{\circ}\text{C}$ for 96h. o -40°C for 96h. o a depth of 2 m for 14 days. plied to the inside of the conn	a humidity of 90	1) Insula 2) No da (At H 2) Insula 3) No da No hear No dam No dam	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks or vy corrosion which age, cracks or lo age, cracks or lo	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. booseness of parts. the inside of the inside of the connector.	x x x x x x x x	
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽⁴⁾	e of Temperature Steady State t Mist ⁽⁴⁾	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ \cdot o a temperature of $+40^{\circ}\text{C}$, at hours. 0 5% salt spray for 48h. $0 +105^{\circ}\text{C}$ for 96h. $0 -40^{\circ}\text{C}$ for 96h. 0 a depth of 2 m for 14 days. plied to the inside of the conm DN OF REVISIONS	a humidity of 90	1) Insula 2) No da (At H 2) Insula 3) No da No hear No dam No dam	ation resistance: amage, cracks or ation resistance: nigh humidity) ation resistance: amage, cracks or vy corrosion white age, cracks or lo age, cracks or l	$500 \text{ M}\Omega$ MIN. or looseness of parts. $50 \text{ M}\Omega$ MIN. $500 \text{ M}\Omega$ MIN. (When dry) or looseness of parts. ch impairs functionality. poseness of parts. poseness of parts. the inside of the inside of the connector. CHECKED	X X X X X X X DA	
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽¹⁾ Air Tightness ⁽¹⁾ COUN	e of Temperature Steady State t Mist ⁽⁴⁾ 4) NT D	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to DESCRIPTIO DIS-A	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ \cdot o a temperature of $+40^{\circ}\text{C}$, at hours. 0 5% salt spray for 48h. $0 +105^{\circ}\text{C}$ for 96h. $0 -40^{\circ}\text{C}$ for 96h. 0 a depth of 2 m for 14 days. plied to the inside of the conm DN OF REVISIONS	a humidity of 90	1) Insula 2) No da (At H 2) Insula 3) No d No hear No darr No darr No darr No darr No darr No air b DESIGNED	ation resistance: amage, cracks o ation resistance: nigh humidity) ation resistance: amage, cracks or vy corrosion which age, cracks or lo age, cracks or lo	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. booseness of parts. the inside of the inside of the connector.	x x x x x x x x	
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽¹⁾ Air Tightness ⁽¹⁾ Air Tightness ⁽¹⁾ COUN NOTES (1) The crin	e of Temperature Steady State t Mist ^{(4) 4) AT D a above specifica p contacts.}	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to DESCRIPTIO DIS-A ations show the	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ o a temperature of $+40^{\circ}\text{C}$, at hours. 0.5% salt spray for 48h. $0.+105^{\circ}\text{C}$ for 96h. 040°C for 96h. 0.40°C for	a humidity of 90	1) Insula 2) No da (At H 2) Insula 3) No d No hear No darr No darr No darr No darr No darr No air b DESIGNED	ation resistance: amage, cracks or ation resistance: nigh humidity) ation resistance: amage, cracks or vy corrosion white age, cracks or lo age, cracks or l	$500 \text{ M}\Omega$ MIN. or looseness of parts. $50 \text{ M}\Omega$ MIN. $500 \text{ M}\Omega$ MIN. (When dry) or looseness of parts. ch impairs functionality. poseness of parts. poseness of parts. the inside of the inside of the connector. CHECKED	X X X X X X X DA	
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽⁷⁾ Air Tightness ⁽⁷⁾ Air Tightness ⁽⁷⁾ NOTES (1) The crinr (2) Incl	e of Temperature Steady State t Mist ⁽⁴⁾ 4) T D e above specifica np contacts. uding temperatu	ARACTER Temperatur Time: 30 – for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to DESCRIPTIO DIS-A ations show the ure rise due to	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ o a temperature of $+40^{\circ}\text{C}$, at hours. 0.5% salt spray for 48h. $0.+105^{\circ}\text{C}$ for 96h. 040°C for 96h. 0.40°C for 96h. 0.3 depth of 2 m for 14 days. plied to the inside of the connormal sector 200 OF REVISIONS 3-00065601	a humidity of 90	1) Insula 2) No da (At H 2) Insula 3) No d No hear No darr No darr No darr No darr No darr No air b DESIGNED	ation resistance: amage, cracks of ation resistance: nigh humidity) ation resistance: amage, cracks or k rage, cracks or	500 MΩ MIN. or looseness of parts. 50 MΩ MIN. 500 MΩ MIN. 500 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. poseness of parts. the inside of the inside of the connector. CHECKED TP. KOMATSU	X X X X X X X X 2022	
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽⁷⁾ Air Tightness ⁽⁷⁾ COUN Air Tightness ⁽⁷⁾ (1) The crin (2) Incl (3) R/T	e of Temperature Steady State t Mist ⁽⁴⁾ 4) 4) 4) 4) e above specifica np contacts. uding temperatu ' : Room Tempe	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected tr 95% for 96 Subjected tr Subjected tr Subjected tr Subjected tr Subjected tr DESCRIPTIO DIS-A ations show the ure rise due to o rature.	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ o a temperature of $+40^{\circ}\text{C}$, at hours. o 5% salt spray for 48h. o $+105^{\circ}\text{C}$ for 96h. o -40°C for 96h. o a depth of 2 m for 14 days. plied to the inside of the connon DN OF REVISIONS A-00065601 e values in assembled condit current carrying.	a humidity of 90	1) Insul: 2) No d 2) No d (At t 2) Insul: 3) No d No hear No darr No darr No darr No darr No darr DESIGNED	ation resistance: amage, cracks or ation resistance: aigh humidity) ation resistance: amage, cracks or vy corrosion whice age, cracks or lo age, cracks or l	500 MΩ MIN. or looseness of parts. 50 MΩ MIN. 500 MΩ MIN. 500 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. poseness of parts. the inside of the inside of the connector. CHECKED TP. KOMATSU	X X X X X X X X 2022	
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽⁴⁾ Air Tightness ⁽⁴⁾ Air Tightness ⁽¹⁾ (1) The crin (2) Incl (3) R/T (4) CO	e of Temperature Steady State t Mist ⁽⁴⁾ 4) 4) AT D a above specifica np contacts. uding temperatu C: Room Tempe RROSION SAL	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to DESCRIPTIO DIS-A ations show the ure rise due to operature. T MIST, SEAL	re: -40 \rightarrow R/T ⁽³⁾ \rightarrow +105 \rightarrow 2 to 3 \rightarrow 30 \rightarrow 2 to 3 min o a temperature of +40°C, at hours. o 5% salt spray for 48h. o +105°C for 96h. o -40°C for 96h. o a depth of 2 m for 14 days. plied to the inside of the conn DN OF REVISIONS A-00065601 e values in assembled condit current carrying. LING AND AIRTIGHTNESS	a humidity of 90	1) Insul: 2) No d 2) No d (At t 2) Insul: 3) No d No hear No darr No darr No darr No darr No darr DESIGNED	ation resistance: amage, cracks or ation resistance: aigh humidity) ation resistance: amage, cracks or vy corrosion whice age, cracks or lo age, cracks or l	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. the inside of the inside of the connector. CHECKED TP. KOMATSU EJ. KUNII	X X X X X X X 2022 2022	
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽⁴⁾ Air Tightness ⁽⁴⁾ Air Tightness ⁽¹⁾ (1) The crin (2) Incl (3) R/T (4) CO	e of Temperature Steady State t Mist ⁽⁴⁾ 4) 4) AT D a above specifica np contacts. uding temperatu C: Room Tempe RROSION SAL	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to DESCRIPTIO DIS-A ations show the ure rise due to operature. T MIST, SEAL	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ o a temperature of $+40^{\circ}\text{C}$, at hours. o 5% salt spray for 48h. o $+105^{\circ}\text{C}$ for 96h. o -40°C for 96h. o a depth of 2 m for 14 days. plied to the inside of the connon DN OF REVISIONS A-00065601 e values in assembled condit current carrying.	a humidity of 90	1) Insul: 2) No d 2) No d (At t 2) Insul: 3) No d No hear No darr No darr No darr No darr No darr DESIGNED	ation resistance: amage, cracks of ation resistance: aigh humidity) ation resistance: amage, cracks or lo rage, cracks or lo ra	500 MΩ MIN. or looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) or looseness of parts. ch impairs functionality. boseness of parts. the inside of the inside of the connector. CHECKED TP. KOMATSU EJ. KUNII SH. KOYAMA	X X X X X X X Z 2022 2022 2022	× 1030
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽⁴⁾ Air Tightness ⁽⁴⁾ Air Tightness ⁽¹⁾ Air Tightness ⁽⁴⁾ (1) The crim (2) Incl (3) R/T (4) CO MA	e of Temperature Steady State t Mist ⁽⁴⁾ 4) 4) 4) 4) 4) 4) 4) 4) 4) 4)	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to DESCRIPTIO DIS-A ations show the ure rise due to o erature. T MIST, SEAL N WITH AN A	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ $-300 \text{ a temperature of } +40^{\circ}\text{C}, \text{ at hours.}$ $-300 \text{ temperature of } +40^{\circ}\text{C}, \text{ at hours.}$ $-300 \text{ temperature of } -40^{\circ}\text{C} \text{ for } 96\text{ h.}$ $-300 \text{ temperature of } -40^{\circ}\text{C} \text{ for } 96\text{ h.}$ $-40^{\circ}\text{C} \text{ for } 96\text{ h.}$ $-40^{\circ}\text{ for } 14 \text{ days.}$ $-400^{\circ}\text{C} \text{ for } 14 days.$	a humidity of 90	1) Insul: 2) No d 2) No d (At t 2) Insul: 3) No d No hear No darr No darr No darr No darr No darr DESIGNED	ation resistance: amage, cracks or ation resistance: aigh humidity) ation resistance: amage, cracks or vy corrosion whice age, cracks or lo age, cracks or l	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. 500 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. the inside of the inside of the connector. CHECKED TP. KOMATSU EJ. KUNII	X X X X X X X 2022 2022	2030 2030 2022
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽¹⁾ Air Tightness ⁽¹⁾ NOTES (1) The crin (2) Incl (3) R/T (4) CO MA ¹	e of Temperature Steady State t Mist ⁽⁴⁾ 4) 4) 4) 4) 4) 4) 4) 4) 4) 4)	ARACTER Temperatur Time: 30 – for 5 cycles. Subjected to 95% for 96 Subjected to Subjected to Subjected to Subjected to DESCRIPTIO DIS-A ations show the ure rise due to o erature. T MIST, SEAL N WITH AN A ecified, ref	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ o a temperature of $+40^{\circ}\text{C}$, at hours. 0.5% salt spray for 48h. $0.+105^{\circ}\text{C}$ for 96h. $0.+105^{\circ}\text{C}$ for 96h. 040°C for 96h. 0.40°C fo	a humidity of 90	1) Insul: 2) No d 1) Insul: (At P 2) Insul: 3) No d No hear No darr No darr No darr No darr No air b DESIGNED DESIGNED	ation resistance: amage, cracks of ation resistance: nigh humidity) ation resistance: amage, cracks or age, cracks or lo rage,	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. the inside of the inside of the connector. CHECKED TP. KOMATSU EJ. KUNII SH. KOYAMA SH. KOYAMA	X X X X X X X X Z 2022 2022 2022 2022 20	2030 2030 2022
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽¹⁾ Air Tightness ⁽¹⁾ NOTES (1) The crin (2) Incl (3) R/T (4) CO MA ¹	e of Temperature Steady State t Mist ⁽⁴⁾ 4) 4) 4) 4) 4) 4) 4) 4) 4) 4)	ARACTER Temperatur Time: 30 – for 5 cycles. Subjected to 95% for 96 Subjected to Subjected to Subjected to Subjected to DESCRIPTIO DIS-A ations show the ure rise due to o erature. T MIST, SEAL N WITH AN A ecified, ref	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ $-300 \text{ a temperature of } +40^{\circ}\text{C}, \text{ at hours.}$ $-300 \text{ temperature of } +40^{\circ}\text{C}, \text{ at hours.}$ $-300 \text{ temperature of } -40^{\circ}\text{C} \text{ for } 96\text{ h.}$ $-300 \text{ temperature of } -40^{\circ}\text{C} \text{ for } 96\text{ h.}$ $-40^{\circ}\text{C} \text{ for } 96\text{ h.}$ $-40^{\circ}\text{ for } 14 \text{ days.}$ $-400^{\circ}\text{C} \text{ for } 14 days.$	a humidity of 90	1) Insul: 2) No d 2) No d (At t 2) Insul: 3) No d No hear No darr No darr No darr No darr No darr DESIGNED	ation resistance: amage, cracks or ation resistance: aigh humidity) ation resistance: amage, cracks or vy corrosion white age, cracks or to age, cracks or t	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. the inside of the inside of the connector. CHECKED TP. KOMATSU EJ. KUNII SH. KOYAMA SH. KOYAMA ELC-118399-3	x x x x x x z z z z z z z z z z z z z z	2030 2030 2022
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽⁴⁾ Air Tightness ⁽⁴⁾ Air Tightness ⁽⁴⁾ Air Tightness ⁽⁴⁾ Air Tightness ⁽⁴⁾ (4) COUN (3) R/T (4) CO MA Unless ott Note QT:C	e of Temperature Steady State t Mist ⁽⁴⁾ 4) 4) 4) 4) 4) 4) 4) 4) 4) 4)	ARACTER Temperatur Time: 30 — for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to DESCRIPTIO DIS-A ations show the ations show the ations show the crature. T MIST, SEAL N WITH AN A DECIFIED, ref est AT:Ass	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ o a temperature of $+40^{\circ}\text{C}$, at hours. 0.5% salt spray for 48h. $0.+105^{\circ}\text{C}$ for 96h. $0.+105^{\circ}\text{C}$ for 96h. 040°C for 96h. 0.40°C fo	a humidity of 90	1) Insul: 2) No d 1) Insul: (At P 2) Insul: 3) No d No hear No darr No darr No darr No darr No air b DESIGNED DESIGNED	ation resistance: amage, cracks or ation resistance: aigh humidity) ation resistance: amage, cracks or vy corrosion white age, cracks or to age, cracks or t	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. the inside of the inside of the connector. CHECKED TP. KOMATSU EJ. KUNII SH. KOYAMA SH. KOYAMA	x x x x x x z z z z z z z z z z z z z z	2030 2030 2022
Rapid Change Damp Heat, S Corrosion Sal Dry Heat Cold Sealing ⁽⁴⁾ Air Tightness ⁽¹⁾ Air Tightness ⁽¹⁾ NOTES (1) The crin (2) Incl (3) R/T (4) CO MA ¹	e of Temperature Steady State t Mist ⁽⁴⁾ 4) AT D a above specifica np contacts. uding temperatu TED CONDITIO herwise spe Qualification Tempe S	ARACTER Temperatur Time: 30 – for 5 cycles. Subjected to Subjected to Subjected to Subjected to Subjected to DIS-A ations show the perature. T MIST, SEAL N WITH AN A Pecified, ref est AT:Ass SPECIFIC	re: $-40 \rightarrow R/T^{(3)} \rightarrow +105 \rightarrow$ $2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ o a temperature of $+40^{\circ}\text{C}$, at hours. a temperature of $+40^{\circ}\text{C}$, at hours. b -5% salt spray for 48h. a -105°C for 96h. b -40°C for 96h. c -4	a humidity of 90	1) Insul: 2) No d 1) Insul: (At P 2) Insul: 3) No d No hear No darr No darr No darr No darr No air b DESIGNED DESIGNED	ation resistance: amage, cracks or ation resistance: aigh humidity) ation resistance: amage, cracks or vy corrosion white age, cracks or to age, cracks or t	500 MΩ MIN. r looseness of parts. 50 MΩ MIN. (When dry) r looseness of parts. ch impairs functionality. poseness of parts. the inside of the inside of the connector. CHECKED TP. KOMATSU EJ. KUNII SH. KOYAMA SH. KOYAMA ELC-118399-8	x x x x x x z z z z z z z z z z z z z z	203 203 202