APPLICA	BLE STAN	DARD	DIN VDE 0627, MIL-C-5015, TUV	/ approved((R93513	24) , UL a	pproved(E52	2653)		
RATING	OPERATING TEMPERATURE RANGE VOLTAGE		-40 °C TO +125 °C STORAGE TEMPERATURE −10 °C TO +60 °C RANGE							
			AC 500 V , DC 500 V (POLLUTION DEGREE 2, OVER VOLTAGE CATEGORY 2 IS APPLIED AC 250 V , DC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V , DC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 250 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 350 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 350 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 350 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 350 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 350 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 350 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 350 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 350 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 350 V (POLLUTION DEGREE 3, OVER VOLTAGE CATEGORY 3 IS APPLIED AC 350 V (POLLUTION DEGREE 3) V							
	CURRENT		23 A (69A) ⁽¹⁾	APPL	CABLE	E CABLE 3. 5mm²				
			SPECIFIC	CATIO	NS					
ľ	TEM		TEST METHOD			RE	QUIREMENT	TS .	QT	АТ
CONST	RUCTION									
GENERAL EXAMINATION		VISUALLY	VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.				Х
MARKING			VISUALLY.						X	Х
ELECTRIC CHARA									Ιχ	
CONTACT RESISTANCE			CONTACT SHALL BE MEASURED AT DC 1 A (MIL-C-2316)			3 mΩ MAX.				X
		 	D-CONTACT TO SHELL BE MEASURED AT		100 mΩ MAX.			X	X	
INSULATION R		1	V DC. (MIL-STD-13 JRE CONSTANCY SHAL BE WITHIN 8 HOU		5000 MΩ MIN.			^	^	
			CURRENT OF 23 A. (DIN VDE 062					X	_	
VOLTAGE PROC)F		V AC. FOR 1 min. (MIL-STD-134	· · · · · · · · · · · · · · · · · · ·	NO FLASHOVER OR BREAKDOWN.			X	Х	
	VICAL CHA			•						
CONNECTOR IN		1	RED BY APPLICABLE CONNECTOR.		INSERTION AND WITHDRAWAL FORCES.				X	
WITHDRAWAL F					LOCKING DEVICE WITH UNLOCK : 50 N MAX.		O N MAX.	_^		
CONTACT RETE	NTION FORCE		APPLYING A PULL FORCE THE WIRE AFTER THE APPLICABLE		20	N MIN.				
			CONTACT IS ASSEMBLED WITH THE						X	_
MECHANICAL C)PFRATION	<u> </u>	BODY. (DIN41640) 500 TIMES INSERTIONS AND EXTRACTIONS.			DECICTANCE	: 1 E m/	n MAV	×	
III COTIVITORE O	i Livii i oii		(MIL-C-5015 4. 6. 12. 2)			CONTACT RESISTANCE: 4.5 mΩ MAX.				_
						CONTACT NO.D - SHELL RESISTANCE: 100 mΩ MAX.				_
VIBRATION			FREQUENCY: 10 TO 500 Hz, SINGLE AMPLITUDE 0.75 mm,			①NO ELECTRICAL DISCONTINUITY OF 10 μs.				
			/s2 AT 3h, FOR 3 DIRECTIONS.		②NO DA	MAGE, CRACK	AND LOOSENE	SS, OF PARTS.	X	_
CHUCK			(MIL-STD-1344 2005, CONDITIONII) 490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				
SHOCK										
			1344 2004, CONDITION E)			7 mirtal, orote	IN THIS EGGGEN	200, 01 174110.	X	_
ENVIRO	NMENTAL	CHAR	ACTERISTICS		•					
DAMP HEAT		EXPOSED AT 71 °C, 95 %, 336 h.			① INSULATION RESISTANCE: 50 MΩ MIN				X	
(STEADY STAT	E)	(MIL-C-50	(MIL-C-5015 4.6.10)			(AT HIGH HUMIDITY). ② INSULATION RESISTANCE: 500 MΩ MIN (AT DRY). ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				_
RAPID CHANGE OF T		TEMPERATU	EMPERATURE -55 \rightarrow R/T $^{(2)}$ \rightarrow +125 \rightarrow R/T $^{\circ}$ C			① INSULATION RESISTANCE: 5000 MΩ MIN.				
		TIME				② NO DAMAGE. CRACK AND LOOSENESS OF PARTS.				_
		1	UNDER 5 CYCLES. (MIL-C-5015 4.6.4)							
			POSED IN S02 : 670ppm 40 °C FOR 8h.			NO HEAVY CORROSION.			X	_
		(DIN 5001	N S02 : 670ppm 18 TO 28 °C FOR 1	6h.						
			AT A DEPTH OF 1 m FOR 0.5 h. (JIS B 6015)		NO WATER PENETRATION INSIDE CONNECTOR.			x	_	
COUNT DESC		ESCRIPT	PTION OF REVISIONS DESI		SIGNED CHECKED			DATE		
۵										
REMARK			APPROVED EJ. KUNI I			13, 01	1. 21			
			A" SHOWS MAXIMUM CURRENT PER CONTACT TOTAL CU					J. KUNTT	13. 01. 21	
FIGURE IN () SHOWS (2) R/T:ROOM TEMPERATURE			THE TOTAL CURRENT CAPACITY OF A CONNECTOR.			DESIGNE	D H	/. KISHI	13. 01	
Unless otherwise specified, refer			to JIS C 5402.			DRAWN	1 H/	/. KISHI	13. 01	1. 21
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DF	DRAWING NO. ELC4-11310			 _C4-113100			
HS SP		PECIFI			NO. H/MS3		S3102A18)
			05 51 50 TD10 00 1 TD		E NO. CL120		120-0259	0-0259-5-73		1/2
				110. OLIZO OZO3 U 10			Δ			

SPECIFICATIONS							
ITEM	TEST METHOD	REQUIREMENTS	QT	АТ			
ENVIRONMENTAL	CHARACTERISTICS						
AIRTIGHTNESS	APPLY AIR PRESSURE 40 kPa FOR 30 sec TO INSIDE CONNECTOR.	NO AIR BUBBLES FROM CONNECTOR INTERFACE.	X	Х			
RESISTANCE TO DUST	REFER TO IEC 529. 7. 6	NO DUST SEEPAGE INSIDE CONNECTOR.	Х	_			
OIL RESISTING	DROP CUTTING OIL FOR 48 HOURS AT THE RATE OF 0.5 LITER EVERY HOUR. (JIS B 6015)	NO OIL SEEPAGE INSIDE CONNECTOR.	Х	_			
RESISTANCE TO SOLDERING HEAT	PLACE SOLDERING IRON (IRON TIP TEMPERATURE +380± 10 °C) AND SOLDER TO SOLDERING POT AREA FOR 10± 1 s. (IEC 68-2-20)	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	Х	_			
SOLDERABILTY	PLACE SOLDER IRON (IRON TIP TEMPERATURE $+350\pm10$ °C) AND SOLDER TO SOLDERING POT AREA FOR 10 \pm 1 s. (IEC 68-2-20)	A SOLDERING SIDE IS TO BE WET WITH SOLDER. AND NO SMALL LUMP OF THE SLDER.	X	_			

Note QT:Qu	ualification Test AT:Assurance Test X:Applicable Test	DRAWIN	IG NO.	ELC4-113100-73		
HS	SPECIFICATION SHEET	PART NO.	H/MS3102A18-10P-D-T1 (73)			
	HIROSE ELECTRIC CO., LTD.	CODE NO	CL120-	-0259-5-73	Δ	2/2