APPLICA	BLE STAN	DARD	MIL-C-501	5												
OPERATING					СТО	+125	°C	ST	TORAGE TE	MPERATURI	E	-10	°C TO	+60	°C	
RATING	TEMPERATURE RANGE							R.A	ANGE							
	VOLTAGE	AC	500	V , D		0 V								_		
	CURRENT				13 A ⁽¹				PPLICABLE	CABLE					_	
					SP	ECI	FICA	ATIO	SNC							
ΙΤ	ГЕМ	TEST METHOD								R	EQU	IREMENTS	;		QT	АТ
CONSTR	RUCTION															
GENERAL EXAMI	NATION	VISUALLY AND BY MEASURING INSTRUMENT.							ACCORD I	NG TO DRAV	WING.				Х	Х
MARKING		CONFIRMED VISUALLY.													Х	Х
ELECTR	IC CHARA	ACTERISTICS														
CONTACT RESISTANCE		CONTACT SHALL BE MEASURED AT DC 1 A. (MIL-C-2316)								5 mΩ MAX.						Х
INSULATION RESISTANCE		500 V DC. (MIL-STD-1344 3003)							500	5000 MΩ MIN.						X
VOLTAGE PROOF		2000 V AC. FOR 1 min. (MIL-STD-1344 3001)								NO FLASHOVER OR BREAKDOWN.						X
MECHAN	NICAL CHA	RACTI	<u>ERISTIC</u>	S											1	
CONNECTOR INSERTION AND		MEASURED BY APPLICABLE CONNECTOR. (WITHOUT LOCK							INSERTI	INSERTION AND WITHDRAWAL FORCES : 110 N MAX.						_
WITHDRAWAL FORCES		MECHANISM)														
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.								RESISTANO	CE:	7.5 mΩ	MAX.		X	_
		(MIL-C-5015 4, 6, 12, 2)													+	-
VIBRATION		FREQUENCY: 10 TO 500 Hz, SINGLE AMPLITUDE 0.75 mm,								①NO ELECTRICAL DISCONTINUITY OF 10 μs. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					Х	_
		98 m/s ² AT 3h, FOR 3 DIRECTIONS. (MIL-STD-1344 2005, CONDITION II)														
		1							①NO EL	①NO ELECTRICAL DISCONTINUITY OF 10 μs.						
			FOR 3 DIRECTIONS. (MIL-STD-1344 2004, CONDITION E)								②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					
ENVIRO	NMENTAL	CHAR	ACTERI	STI	CS											-
DAMP HEAT		EXPOSED AT 71°C, 95%, 336h. (MIL-C-5015 4, 6, 10)							① INSU	① INSULATION RESISTANCE: 50 MΩ MIN.						
(STEADY STATE)									(AT	(AT HIGH HUMIDITY). ② INSULATION RESISTANCE: 500 MΩ MIN.					X	_
									② INSU							
										DRY).				_		
RAPID CHANGE OF TEMPERATURE										③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS. ① INSULATION RESISTANCE: 5000 MΩ MIN.						
		TIME 30 \rightarrow 10 TO 15 \rightarrow 30 \rightarrow 10 TO 15 min							U	② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					X	_
		UNDER 5 CYCLES. (MIL-C-5015 4, 6, 4)							(Z) NO D							
SEAL ING (3)		EXPOSED AT A DEPTH OF 1.8 m FOR 48 h.							NO WATE	NO WATER PENETRATION INSIDE CONNECTOR.						
AIRTIGHTNESS ⁽³⁾		APPLY AIR PRESSURE 40 kPa FOR 30 s TO INSIDE							NO AIR	NO AIR BUBBLES FROM CONNECTOR INTERFACE.					X	-
AIKIIUHINESS W		CONNECTOR.							NO AIR	ING ATA DUDDLES THOM CONNECTOR INTERPACE.						_
CORROSION SALT MIST									NO HEAV	NO HEAVY CORROSION RUIN THE FUNCTION.						
		(MIL-STD-1344 1001 CONDITION B)													X	_
OIL RESISTING (3)		DROP CUTTING OIL FOR 48 HOURS AT THE RATE OF 0.5							NO OIL	NO OIL SEEPAGE INSIDE CONNECTOR.					Х	
		L/h. (JIS B 6015)														
RESISTANCE TO SOLDERING		·								NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS						-
HEAT COLDEDARIL ITY		,								OF THE TERMINALS.						
SOLDERABILITY			·								WETTING ON SOLDER SURFACE. NO SOLDER CLUSTER.					-
			,						11 3320						†	
															\perp	
COUN	IT DE	SCRIPTI	ON OF RE	VISIC	NS			DES	SIGNED			CHEC	KED		DA	TE
Ø																
REMARK							APPRO\	APPROVED HY. KOBAYASHI			18.0	06.08				
NOTES (1) 13	A RATED CURREN	IS THE MAXIMUM CURRENT FLOW PER CONTACT. PACITY OF WHOLE IS CONNECTOR 44.2 A MAX.							CHECK			BAYASHI		18. 06. 08		
									DESIGN	NED	HY. KISHI		18. 0	06.08		
	F: ROOM TEMPERA															
	L BE TESTED BY APPLICABLE CONNECTOR.							DRAW	HY. KISHI		18.0	06. 08				
Unless otherwise specified, refer to IEC 60512 (JIS C 54						C 5402	2).									
Note QT:Q	ualification Te	et AT:Assurance Test X:Applicable Test							DRAWIN	AWING NO.		ELC-040591-7			3-00)
	CI	DECIFICATION SHEET							RT NO.	NO H/N		MS3102A20-29P(73			3)	
H(5		PECIFICATION SHEET										· · ·				
	HIR	OSE ELECTRIC CO., LTD.						CODE NO		CL120-0103-6-73				◮	1/1	