APPLICA	ABLE STAN	IDARD	MIL-C-5015						
	OPERATING TEMPERATURE RANGE					RAGE TEMPERATURE			
RATING				RANG	NGE				
	VOLTAGE		AC 500 V , DC 700 V					_	
	CURRENT	13 A <sup>(1)</sup> APPLICABLE CABLE ————————————————————————————————————							
			SPECIFIC	<b>ATIO</b>	NS				
l <sup>-</sup>	TEM		TEST METHOD			REQ	UIREMENTS	QT	АТ
CONSTR	RUCTION				I .			L	
GENERAL EXAM	INATION	VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			Х	Х
MARKING		CONFIRMED VISUALLY.			1			Х	Х
ELECTRIC CHARA		CTERISTICS						L	
CONTACT RESI	CONTACT RESISTANCE		SHALL BE MEASURED AT DC 1 A. (MIL-C-2)	5 mΩ MAX.			Х	Χ	
INSULATION RESISTANCE		500 V DC. (MIL-STD-1344 3003)			5000 MΩ MIN.			Х	Х
VOLTAGE PROOF		2000 V AC. FOR 1 min. (MIL-STD-1344 3001)			NO FLASHOVER OR BREAKDOWN.			Х	Х
MECHAN	VICAL CHA	RACTI	ERISTICS						
CONTACT INSE	RTION AND	$\phi 1.562^{+0.003}_{0}$ by STEEL GAUGE.				INSERTION AND WITHDRAWAL FORCES : 0.6 N MIN.			T
WITHDRAWAL FORCES		$\psi_{1.502}$ BT STEEL GAUGE.							_
CONNECTOR INSERTION AND		MEASURED BY APPLICABLE CONNECTOR. (WITHOUT LOCK				INSERTION AND WITHDRAWAL FORCES : 110 N MAX.			
WITHDRAWAL FORCES		MECHANISM)							
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.				CONTACT RESISTANCE: 7.5 $m\Omega$ MAX.			_
		(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.			_
		98 m/s <sup>2</sup> AT 3h, FOR 3 DIRECTIONS.  (MIL-STD-1344 2005, CONDITION II)				IMAGE, CRACK A	IND LOUSENESS OF PARTS.		
SHOCK		490 m/s <sup>2</sup> DURATIONS OF PULSE 11 ms AT 3 TIMES				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	ACTERISTICS		1				
DAMP HEAT		EXPOSED AT 71°C, 95%, 336h. (MIL-C-5015 4, 6, 10)			① INSU	① INSULATION RESISTANCE: 50 M $\Omega$ MIN.			T
(STEADY STATE)					(AT HIGH HUMIDITY).			X	_
						LATION RESIST	ANCE: 500 MΩ MIN.		
						(AT DRY).			
							AND LOOSENESS OF PARTS.		
RAPID CHANGE OF TEMPERATURE  SEALING(3)		TEMPERATURE $-55 \rightarrow R/T^{(2)} \rightarrow +125 \rightarrow R/T ^{\circ}C$			① INSULATION RESISTANCE: 5000 MΩ MIN			Х	-
		TIME 30 $\rightarrow$ 10 T0 15 $\rightarrow$ 30 $\rightarrow$ 10 T0 15 min UNDER 5 CYCLES. (MIL-C-5015 4, 6, 4)			② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
		EXPOSED AT A DEPTH OF 1.8 m FOR 48 h.				NO WATER PENETRATION INSIDE CONNECTOR.			-
								X	_
AIRTIGHTNESS (3)		APPLY AIR PRESSURE 40 kPa FOR 30 s TO INSIDE				NO AIR BUBBLES FROM CONNECTOR INTERFACE.			_
RESISTANCE TO SOLDERING		CONNECTOR.  SOLDERED AT SOLDER TEMPERATURE, +380°C±10°C FOR				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS			1
RESISTANCE TO SOLDERING HEAT		SOLDERING DURATION, 10±1 s.			OF THE TERMINALS.			X	-
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, +350°C±10°C FOR			WETTING ON SOLDER SURFACE.				1
		SOLDERING DURATION, 5±1 s.			NO SOLDER CLUSTER.			X	_
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION RUIN THE FUNCTION.			Х	
			(MIL-STD-1344 1001 CONDITION B)						
OIL RESISTIN	G <sup>(3)</sup>		TING OIL FOR 48 HOURS AT THE RATE OF (	0. 5	NO OIL	SEEPAGE INSID	DE CONNECTOR.	Х	_
		L/h. (JIS B 6015)						_	
COUN	NT DI	ESCRIPTI	ON OF REVISIONS	DESIG	SNED		CHECKED	DA	\TE
0									
REMARK						APPROVE	HY. KOBAYASHI	18.0	)2. 22
		T IS THE MAXIMUM CURRENT FLOW PER CONTACT.				CHECKED			)2. 22
	T : ROOM TEMPERA		WHOLE IS CONNECTOR 44.2 A MAX			DESIGNED	HY. KISHI	18.0	)2. 21
			ALL BE TESTED BY APPLICABLE CONNECTOR					1	
I Inless of	horwica cna	cified re				DRAWN	MK. INOUE	18.0	02. 07
·			efer to IEC 60512 (JIS C 5402).			10.1/-			
Note Q1:Qualification Test AT:As			ssurance Test X:Applicable Test		RAWING NO.		ELC-046662-31-00		
SPECIFIC			ICATION SHEET	PART	ΓNO.	H <sub>/</sub>	H/MS3108B20-29S(3		
Hes		OSE ELECTRIC CO., LTD.			= NO	CL120-0711-1-31			1/1
	ПП		LLOTNIO CO., LTD.	CODE	= NO.	ULIZ	.u-u/ii-i-31	Δ	1/ 1