RATING T	_	RD							
_	OPERATING TEMPERATURE RANGE VOLTAGE CURRENT		AC 100 V , DC 140 V WI		ORAGE TEMPERATURE		-10 °C TO +60		
_					RE SIZE			-	
Į C					PLICABLE (	CABLE	φ4.2 TO φ5		
			SPECI	FICATION	IS	<u> </u>			
ITE	M		TEST METHOD		<u> </u>	REQU	UREMENTS	QT	АТ
CONSTRUC									17
GENERAL EXAMINA		VISUALLY	AND BY MEASURING INSTRUMENT.		ACCORDIN	G TO DRAWING.		Х	Х
MARKING		CONFIRMED VISUALLY.			Account to Shamma.			Х	Х
ELECTRIC C	CHARACTE								1
CONTACT RESISTANCE		CONTACT SHALL BE MEASURED DC 1 A			5 mΩ MAX.			Х	Х
		CONTACT SHALL BE MEASURED DC — A			— mΩ MAX.			Х	Х
INSULATION RESISTANCE		100 V DC.			1000 MΩ MIN.			Х	Х
VOLTAGE PROOF		300 V AC FOR 1 min.			NO FLASH	NO FLASHOVER OR BREAKDOWN.			Х
MECHANICA	AL CHARAC	CTERIST	ICS		· ·			ı	
CONTACT INSERTION AND WITHDRAWAL FORCES		$\phi$ 0. 991 $^{+0.003}_{0}$ BY STEEL GAUGE.			INSERTIO	INSERTION AND WITHDRAWAL FORCES : 0.2 N MIN.			_
CONNECTOR INSERTION AND		MEASURED BY APPLICABLE CONNECTOR LOCKING DEVICE WITH LOCK.			INSERTION AND WITHDRAWAL FORCES : 30 N MAX.			Х	_
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.			CONTACT	CONTACT RESISTANCE: $10 \text{ m}\Omega$ MAX.			1_
						RESISTANCE: — mΩ MAX.			l _
VIDDATION		EDECHENOV 10 TO EE U- (10V0 E-:-) OTHOLE AND THOSE			+				+
/IBRATION		FREQUENCY 10 TO 55 Hz, (1CYC, 5min) SINGLE AMPLITUDE 0.75 mm, AT 10CYC, FOR 3 DIRECTIONS			_	① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			_
SHOCK		IN OPPOSITE DIRECTIONS OF EACH 3 DEMENSION ALAXIS				① NO ELECTRICAL DISCONTINUITY OF 10 µs.			_
		FOR 3 TIMES AT 490 m/s <sup>2</sup> DURATION OF PULSE 11 ms.			② NO DAI	② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			
BREAKING STRENGTH		MAX 30N SHALL BE APPLIED TO CABLE IN UP AND DOWN,				NO BREAKAGE OF CONNECTOR.			_
		LEFT AND F	RIGHT DIRECTIONS WHEN MATED						
ENVIRONME	ENTAL CHA	ARACTE	RISTICS						
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.			_		NCE: 10 MΩ MIN	Х	-
					(AT HIGH HUMIDITY).				
					_		NCE:100 MΩ MIN (AT DRY).		
RAPID CHANGE OF TEMPERATURE		TEMPERATURE $-55^{\circ}\text{C} \rightarrow \text{R/T}^{(1)} \rightarrow +85^{\circ}\text{C} \rightarrow \text{R/T}$ TIME $30 \rightarrow 10 \text{ TO } 15 \rightarrow 30 \rightarrow 10 \text{ TO } 15 \text{ min}$			_		D LOOSENESS OF PARTS.	Х	-
					① INSULATION RESISTANCE: 100 MΩMIN. ② NO DAMAGE. CRACK AND LOOSENESS OF PARTS.			^	
		TIME 30 $\rightarrow$ 10 10 15 $\rightarrow$ 30 $\rightarrow$ 10 10 15 min UNDER 5 CYCLES.							
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY	NO HEAVY CORROSION.			1_
DRY HEAT		EXPOSED AT + 85 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			X	1_
		EXPOSED AT - 55 °C , 96 h.			1	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			_
	RESISTANCE TO SOLDERING		SOLDER TEMPERATURE, + 380±10 °C , FOR IMMERSION			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS			l –
COLD			DURATION, 3 0 s.			OF THE TERMINALS.			1
COLD RESISTANCE TO S		DURATION.	3 <sup>+1</sup> <sub>0</sub> s.		OF THE TI	ERMINALS.		X	
COLD RESISTANCE TO S HEAT			$3^{+1}_{0}$ s. AT SOLDER TEMPERATURE, +350±10				FREE FROM PIN-HOLE, NO	X	_
COLD RESISTANCE TO S HEAT		SOLDERED /	•		SOLDER SI		•		  -
COLD RESISTANCE TO S HEAT SOLDERABILITY		SOLDERED /	AT SOLDER TEMPERATURE, +350±10		SOLDER SI	URFACE TO BE AND OTHER DEF	•		  -    -
COLD		SOLDERED / IMMERSION EXPOSED A	AT SOLDER TEMPERATURE, +350±10 DURATION, 2 TO 3 s.	°C FOR	SOLDER SI WETTING A	URFACE TO BE AND OTHER DEF	ECTS. INSIDE CONNECTOR.	X	
COLD RESISTANCE TO S HEAT SOLDERABILITY SEALING (2)		SOLDERED / IMMERSION EXPOSED AT APPLY AIR CONNECTOR	AT SOLDER TEMPERATURE, +350±10 DURATION, 2 TO 3 s. T A DEPTH OF 1m FOR 0.5 h.	°C FOR TO INSIDE	SOLDER SI WETTING A	URFACE TO BE AND OTHER DEF	ECTS. INSIDE CONNECTOR.	X X X	
COLD RESISTANCE TO S HEAT SOLDERABILITY SEALING (2) AIRTIGHTNESS (2)		SOLDERED / IMMERSION EXPOSED AT APPLY AIR CONNECTOR	AT SOLDER TEMPERATURE, +350±10 DURATION, 2 TO 3 s.  T A DEPTH OF 1m FOR 0.5 h.  PRESSURE 17.6 kPa FOR 0.5min	°C FOR TO INSIDE	SOLDER SI WETTING A NO WATER	URFACE TO BE AND OTHER DEF	ECTS. INSIDE CONNECTOR. CONNECTOR	X X X	
RESISTANCE TO SHEAT  SOLDERABILITY  SEALING (2)  AIRTIGHTNESS (2)		SOLDERED / IMMERSION EXPOSED AT APPLY AIR CONNECTOR	AT SOLDER TEMPERATURE, +350±10 DURATION, 2 TO 3 s.  T A DEPTH OF 1m FOR 0.5 h.  PRESSURE 17.6 kPa FOR 0.5min	°C FOR TO INSIDE	SOLDER SI WETTING A NO WATER NO AIR BI	URFACE TO BE I AND OTHER DEFI PENETRATION UBBLES INSIDE	ECTS. INSIDE CONNECTOR. CONNECTOR CHECKED	X X X DA	
COLD RESISTANCE TO S HEAT SOLDERABILITY SEALING (2) AIRTIGHTNESS (2) COUNT A REMARK	DE	SOLDERED A IMMERSION EXPOSED A' APPLY AIR CONNECTOR SCRIPTIO	AT SOLDER TEMPERATURE, +350±10 DURATION, 2 TO 3 s.  T A DEPTH OF 1m FOR 0.5 h.  PRESSURE 17.6 kPa FOR 0.5min	°C FOR TO INSIDE	SOLDER SI WETTING A NO WATER NO AIR BI	URFACE TO BE AND OTHER DEF	ECTS. INSIDE CONNECTOR. CONNECTOR CHECKED HY. KOBAYASHI	X X X DA	06. 05
COLD RESISTANCE TO S HEAT  COLDERABILITY  SEALING (2) AIRTIGHTNESS (2)  COUNT  CA  REMARK NOTES (1) R/T	: ROOM TEMPE	SOLDERED // IMMERSION EXPOSED AT APPLY AIR CONNECTOR ESCRIPTIO	AT SOLDER TEMPERATURE, +350±10 DURATION, 2 TO 3 s.  T A DEPTH OF 1m FOR 0.5 h.  PRESSURE 17.6 kPa FOR 0.5min	TO INSIDE	SOLDER SI WETTING A NO WATER NO AIR BI	URFACE TO BE I	ECTS. INSIDE CONNECTOR. CONNECTOR  CHECKED  HY. KOBAYASHI HY. KOBAYASHI	X X X X DA 18. 0	)6. 05 )6. 05
COLD RESISTANCE TO SHEAT  COLDERABILITY  SEALING (2)  AIRTIGHTNESS (2)  COUNT	: ROOM TEMPE	SOLDERED // IMMERSION EXPOSED AT APPLY AIR CONNECTOR ESCRIPTIO	AT SOLDER TEMPERATURE, +350±10 DURATION, 2 TO 3 s.  T A DEPTH OF 1m FOR 0.5 h.  PRESSURE 17.6 kPa FOR 0.5min  ON OF REVISIONS	TO INSIDE	SOLDER SI WETTING A NO WATER NO AIR BI	URFACE TO BE IN AND OTHER DEFI PENETRATION UBBLES INSIDE  APPROVED CHECKED	ECTS. INSIDE CONNECTOR. CONNECTOR CHECKED HY. KOBAYASHI	X X X X X X 18.00	)6. 05 )6. 05 )6. 05
COLD RESISTANCE TO S HEAT  SOLDERABILITY  SEALING (2)  AIRTIGHTNESS (2)  COUNT  (A)  REMARK  NOTES (1) R/T  (2) SEALI	: ROOM TEMPE	SOLDERED A IMMERSION EXPOSED A APPLY AIR CONNECTOR SCRIPTIO	AT SOLDER TEMPERATURE, +350±10 DURATION, 2 TO 3 s.  T A DEPTH OF 1m FOR 0.5 h.  PRESSURE 17.6 kPa FOR 0.5min  ON OF REVISIONS	°C FOR  TO INSIDE  DES  ABLE CONNECT	SOLDER SI WETTING A NO WATER NO AIR BI	URFACE TO BE IN AND OTHER DEFI PENETRATION UBBLES INSIDE  APPROVED CHECKED	ECTS. INSIDE CONNECTOR. CONNECTOR  CHECKED  HY. KOBAYASHI HY. KOBAYASHI	X X X X X X 18.00	
COLD RESISTANCE TO SHEAT  COLDERABILITY  COUNT  COU	: ROOM TEMPE ING AND AIRT	SOLDERED // IMMERSION EXPOSED AT APPLY AIR CONNECTOR ESCRIPTION ERATURE IGHTNESS Cified, re	AT SOLDER TEMPERATURE, +350±10 DURATION, 2 TO 3 s.  T A DEPTH OF 1m FOR 0.5 h.  PRESSURE 17.6 kPa FOR 0.5min  DN OF REVISIONS  SHALL BE TESTED BY APPLICA	TO INSIDE  DES  ABLE CONNECT	SOLDER SI WETTING A NO WATER NO AIR BI	URFACE TO BE IN AND OTHER DEFI PENETRATION UBBLES INSIDE  APPROVED CHECKED DESIGNED  DRAWN	ECTS. INSIDE CONNECTOR. CONNECTOR  CHECKED  HY. KOBAYASHI HY. KOBAYASHI DS. MATSUNE	X X X X X X 18. 0 18. 0 18. 0 18. 0	06. 05 06. 05 06. 05
COLD RESISTANCE TO SHEAT  SOLDERABILITY  SEALING (2)  AIRTIGHTNESS (2)  COUNT  (A)  REMARK NOTES (1) R/T (2) SEALI  Unless othe	: ROOM TEMPE ING AND AIRT erwise spec	SOLDERED // IMMERSION EXPOSED AT APPLY AIR CONNECTOR ESCRIPTION ERATURE IGHTNESS Cified, rest AT:Ass	AT SOLDER TEMPERATURE, +350±10 DURATION, 2 TO 3 s.  T A DEPTH OF 1m FOR 0.5 h. PRESSURE 17.6 kPa FOR 0.5 min  ON OF REVISIONS  SHALL BE TESTED BY APPLICATION OF THE COMMENT OF THE COMMEN	TO INSIDE  DES  ABLE CONNECT  5402)	SOLDER SI WETTING A NO WATER NO AIR BI GNED	URFACE TO BE IN AND OTHER DEFINITION UBBLES INSIDE APPROVED CHECKED DESIGNED DRAWN G NO.	ECTS. INSIDE CONNECTOR. CONNECTOR  CHECKED  HY. KOBAYASHI HY. KOBAYASHI DS. MATSUNE  DS. MATSUNE	X X X X X X 18. 0 18. 0 18. 0 18. 0	06. 05 06. 05 06. 05