	PLICA	BLE STA	NDARD											
RA	ATING	OPERATING TEMPERATURE RANGE VOLTAGE CURRENT		-25 °C TO +85 °C			STORAGE TEMPERATURE RANGE		E	-10 °C TO +60	°C			
				AC 100 V , DC 14	10 V									
				2 A APP			LICABLE CABLE ϕ 4.2 TO ϕ 5			φ4.2 TO φ5				
				SPEC	CIFICA	TION	S							
	IT	EM		TEST METHOD				R	EQU	IREMENTS	QT	Α		
CON	NSTRU	CTION	•											
GENERAL EXAMINATION			VISUALLY	VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.				Χ	X		
MARKING			CONFIRMED	CONFIRMED VISUALLY.							Χ)		
ELE	CTRIC	CHARAC	TERISTICS											
CONTACT RESISTANCE			CONTACT S	CONTACT SHALL BE MEASURED AT DC 1 A				15 mΩ MAX.				7.2		
INSULATION RESISTANCE			100	100 V DC.			1000 MΩ MIN.			Х)			
VOLTAGE PROOF			300	300 V AC. FOR 1 min.			NO FLASHOVER OR BREAKDOWN.				Х)		
MEC	CHANIC	CAL CHAR	ACTERIST	ICS										
CONTA	CT INSER	TION AND		BY STEEL GAUGE.			INSERTI	ON AND WI	THDRAV	MAL FORCES : - N MIN.				
WITHDRAWAL FORCES											_	-		
CONNECTOR INSERTION AND			MEASURED	MEASURED BY APPLICABLE CONNECTOR.			INSERTION AND WITHDRAWAL FORCES							
WITHDRAWAL FORCES							LOCKING DEVICE WITH LOCK : 30 N MAX.				Х	-		
MECHA	NICAL OP	PERATION	1000 TIM	1000 TIMES INSERTIONS AND EXTRACTIONS.				CONTACT RESISTANCE: 30 $m\Omega$ MAX.				-		
VIBRATION			FREQUENCY	FREQUENCY: $10 \rightarrow 55 \rightarrow 10$ (Hz) (1CYC, 5min),				ECTRICAL	DISCON	ITINUITY OF 10 μs.	Х			
			SINGLE AM	SINGLE AMPLITUDE 0.75 mm, AT 10 CYC, FOR 3 DIRECTIONS.				②NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				-		
SHOCK BREAKING STRENGTH			490 m/s² [490 m/s ² DURATIONS OF PULSE 11 ms AT 3 TIMES				① NO ELECTRICAL DISCONTINUITY OF 10 μs.						
			FOR 3	FOR 3 DIRECTIONS.				② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				-		
			MAX 30N S	MAX 30N SHALL BE APPLIED TO CABLE IN UP AND DOWN,				NO BREAKAGE MAX 30N.						
			LEFT AND	LEFT AND RIGHT DIRECTIONS WHEN MATED.								-		
ENV	/IRONN	ЛENTAL С	HARACTE	RISTICS										
DAMP HEAT (STEADY STATE)			EXPOSED A	EXPOSED AT 40 °C. 90 TO 95 %, 96 h.				LATION RE	SISTAN	ICE: 10 MΩ MIN				
								HIGH HUM	IDITY)					
								LATION RE	SISTAM	ICE: $100 \text{ M}\Omega$ MIN (AT DRY).	X	-		
				(4)			③ NO DAMAGE. CRACK AND LOOSENESS OF PARTS.				-	<u> </u>		
RAPID	CHANGE	OF TEMPERATU		TEMPERATURE $-55 \rightarrow R/T^{(1)} \rightarrow +85 \rightarrow R/T ^{\circ}C$			_			ICE: 100 MΩ MIN.	X			
				TIME 30 → 10 TO 15 → 30 → 10 TO 15 min				② NO DAMAGE. CRACK AND LOOSENESS OF PARTS.				-		
00000	OTON ON	T MIOT	UNDER 5 C		10 h		NO HEAV	Y CORROST	ON RIII	NS THE FUNCTION.	X			
CORROSION SALT MIST				EXTROCES IN 0 70 ONET WITH GIVEN TOK 40 II.							X	+-		
DRY HEAT				EXPOSED AT + 85 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					-		
COLD			EXPOSED A	EXPOSED AT − 55 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				Х	-		
RESISTANCE TO SOLDERING			SOLDER TE	SOLDER TEMPERATURE, + 380±10°C, FOR SOLDERING			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS				X			
HEAT				DURATION, 3 TO 4 s.			OF THE TERMINALS.				<u> </u>			
SOLDE	RABILITY	•		AT SOLDER TEMPERATURE, + 350:	±10°C FOR		WETTING	ON SOLDE	R SURF	FACE, NO SOLDER CLUSTER.	X	١.		
	ua (2)			DURATION, 2 TO 3 s.						WALE CONFESSOR				
SEALII	NG (2)		EXPOSED A	T A DEPTH OF 2 m FOR 14 DAYS.			NO WATE	R PENEIRA	IION	NSIDE CONNECTOR.	X	-		
AIRTI	GHTNESS (2)	APPLY AIR	APPLY AIR PRESSURE 17.6kPa FOR 0.5min TO INSIDE			NO AIR BUBBLES INSIDE CONNECTOR.				V			
			CONNECTOR	CONNECTOR.							Х	-		
					1									
		т	DESCRIPTION	ON OF REVISIONS		DESIG		CHECKED		DA	TE			
	COUN													
۵	COUN					REMARK						18. 02. 2		
								APPRO'	VED	HY. KOBAYASHI	18.0	2. 2		
REM	MARK	: ROOM TE	MPERATURE					APPRO'						
REM	MARK S(1)R/T	: ROOM TE		S SHALL BE TESTED UNDER	MATED CO	ONDITIO	N WITH	CHECK	ŒD	HY. KOBAYASHI	18.0	2. 2		
REM NOTES	MARK S (1) R/T (2) SE/ AN	: ROOM TE ALING AND A APPLICABLE	AIRTIGHTNES CONNECTOR.			ONDITIO	N WITH	CHECK	(ED NED	HY. KOBAYASHI DS. MATSUNE	18.0)2. :)2. :		
REM NOTES	MARK S (1) R/T (2) SE/ AN	: ROOM TE ALING AND A APPLICABLE	AIRTIGHTNES CONNECTOR.	S SHALL BE TESTED UNDER		ONDITIO	N WITH	CHECK	(ED NED	HY. KOBAYASHI DS. MATSUNE AI. NISHIYAMA	18. 0 18. 0)2. ;)2. ;		
REM NOTES	MARK S(1)R/T (2)SE/ AN ess oth	: ROOM TE ALING AND A APPLICABLE nerwise sp	AIRTIGHTNES CONNECTOR. Decified, re		5402).		N WITH	CHECK DESIGN DRAW	(ED NED	HY. KOBAYASHI DS. MATSUNE	18. 0 18. 0)2.)2.)2.		
REM NOTES	MARK S(1)R/T (2)SE/ AN ess oth	: ROOM TE ALING AND APPLICABLE nerwise sp ualification	AIRTIGHTNES: CONNECTOR. Decified, re Fest AT:As	efer to IEC 60512(JIS C	5402).	Di	RAWIN	CHECK DESIGN DRAW	(ED NED	HY. KOBAYASHI DS. MATSUNE AI. NISHIYAMA ELC-112010-3	18. 0 18. 0)2. ;)2. ;		
REM NOTES Unle	MARK S(1)R/T (2)SE/ AN ess oth	: ROOM TE ALING AND APPLICABLE nerwise sp ualification	AIRTIGHTNES: CONNECTOR. Decified, re Fest AT:As	efer to IEC 60512(JIS C	5402).		RAWIN	CHECK DESIGN DRAW	(ED NED	HY. KOBAYASHI DS. MATSUNE AI. NISHIYAMA	18. 0 18. 0)2.)2.)2.		