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01 CODE NO	01   CODE NO.   CL 586	01   CODE NO.   CL 586	CODE NO.	01	- C	<del>  -</del>	DRAWING NO. ELC4	CCDE NO.(OLD)
PART NO.	PART NO.	PART NO.	PAR	<del>"</del>	TON 6	X:Applicable Test	t AT:Assurance Test	Note QT:Qualification Test
02.11.11 02.11.12	02.11.11	02.11.11			02.11.11	5402	ified, refer to JIS C	Unless otherwise specified, refer to JIS C
S.OKAMURA R.TAKAYASU	S.OKAMURA R.TAKAYASU	S.OKAMURA R.TAKAYASU		AMUR	SOK			
DRAWN DESIGNED CHECKED APPROVED RELEASED	DESIGNED CHECKED	DESIGNED CHECKED	-	AWN	묾			REMARKS
NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	NO DAMAGE, CRACK AND OF PARTS.	NO DAMAGE, CRACK AND OF PARTS.						
① CONTACT RESISTANCE: 100 mΩ MAX. ② INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: 50 MΩ MIN. (AT DRY)	① CONTACT RESISTANCE: 100 mΩ MAX. ② INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: 50 MΩ MIN. (AT DRY)	① CONTACT RESISTANCE: 10 ② INSULATION RESISTANCE: (AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: (AT DRY)	① CONTACT R ② INSULATION (AT HIGH I) ③ INSULATION (AT DRY)			) +65°C, '90 TO 96%, 40 h.	EXPOSED AT ~10 TO +65°C, RELATIVE HUMIDITY 90 TO 96% 10 CYCLES,TOTAL 240 h.	DAMP HEAT,CYCLIC
① CONTACT RESISTANCE: 100 mΩ MAX. ② INSULATION RESISTANCE: 50 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						90 TO 95%, 96h.	EXPOSED AT 40 °C, RELATIVE HUMIDITY 90 TO 95%,	
③ NO DAMAGE, CRACK AND LOOSENESS X OF PARTS.	NO DAMAGE, CRACK AND OF PARTS.	NO DAMAGE, CRACK AND OF PARTS.				ECTIONS.	981m/s*, DURATION OF PULSE AT 3 TIMES IN 3 DIRECTIONS.	
① NO ELECTRICAL DISCONT  1 µs. ② CONTACT RESISTANCE: 10	① NO ELECTRICAL DISCONT  1 µs. ② CONTACT RESISTANCE: 10	① NO ELECTRICAL DISCONT  1 µs. ② CONTACT RESISTANCE: 10	<u></u>		5	55 Hz, HALF AMPLIT R 10 CYCLES IN 3	FREQUENCY 10 TO 55 Hz, HALF AMPLITUDE 0.75mm, - m/s <sup>2</sup> FOR 10 CYCLES IN 3 DIRECTIONS.	VIBRATION
S. ① CONTACT RESISTANCE:100 mΩ MAX. × ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	① CONTACT RESISTANCE:10 ② NO DAMAGE, CRACK AND OF PARTS.	① CONTACT RESISTANCE:10 ② NO DAMAGE, CRACK AND OF PARTS.	<b>®</b> ⊖		ĮŽ	NS AND EXTRACTIO	10 TIMES INSERTION	MECHANICAL OPERATION
0.30N/PIN MIN. (CONECTOR, FPC AT INITIAL CONDITION)	0.30N/PIN MIN. (CONECTOR, FPC AT INITIAL	0.30N/PIN MIN. (CONECTOR, FPC AT INITIAL			3	LICABLE FPC. SHALL BE t=0.20mi )N.)	MEASURED BY APPI (THICKNESS OF FPC AT INITIAL CONDITION	FPC RETENSION FORCE
0.15N/PIN MAX. (CONECTOR, FPC AT INITIAL CONDITION)	0.15N/PIN MAX. (CONECTOR, FPC AT INITIAL	0.15N/PIN MAX. (CONECTOR, FPC AT INITIAL			. 3	LICABLE FPC. SHALL BE t=0.20mi )N.)	MEASURED BY APPLICABLE FPC.  (THICKNESS OF FPC SHALL BE t=0.20mm AT INITIAL CONDITION.)	ÖR S
NO FLASHOVER OR BREAKDOWN.	NO FLASHOVER OR BREAKDOWN.	NO FLASHOVER OR BREAKDO	NO FLASHOVE	_			CHARACTERISTICS	MECHANICAL CHAR
50 MΩ MIN.	50 MΩ MIN.	50 MΩ MIN.	50 MΩ MIN.				100V DC.	RESISTANCE
PC BULK RESISTANCE KNESS OF COPPER FOIL: 35 µ m)	INCLUDING FPC BULK RESISTANCE (L=12mm,THICKNESS OF COPPER FOIL: $35\mu$ m )	INCLUDING FPC BULK RESISTANC (L=12mm,THICKNESS OF COPPER F	INCLUDING FPC (L=12mm,THICKNE	_				
100mΩ MAX.	100mΩ MAX.	100mΩ ΜΑΧ.	100mΩ ΜΑΧ.				CHARACTERISTICS SISTANCE   AC 20mV MAX., 1mA.	ELECTRIC CHARAC CONTACT RESISTANCE
×					·	LY.	CONFIRMED VISUALLY.	MARKING
ENT. ACCORDING TO DRAWING.					<u>S</u> l	EASURING INSTRU	VISUALLY AND BY N	GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT.
REQUIREMENTS QT AT			RE			TEST METHOD	TES	ITEM
			TIONS	NOIL	%	SPECIFICATIONS		
			PPLICABLE CABLE	PPLICABI	≥	0.3A	<b>-1</b>	CURRENT
RELATIVE HUMI			HEATING OR STORAGE MIDITY RANGE	HEATING:	포유	V AC		RATING VOLTAGE
STORAGE -10°C TO 50°C/PACKED CONDITION	-10°C TO 5	-10°C TO 5	DRAGE MPERATURE RANGE	)RAGE	E S	TO 85°C	E RANGE -55°C	OPERATING TEMPERATURE RANGE
							DARD	APPLICABLE STAN
						R.7 63,03,12	RE - F - 08696 S.K	△ 2 RE-F
COUNT DESCRIPTION OF REVISIONS BY CHKD DATE	DESCRIPTION OF REVISIONS BY	DESCRIPTION OF REVISIONS		3	8	CHKD DATE	DESCRIPTION OF REVISIONS BY	COUNT DESCRIPTION

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		N <sub>C</sub>	O O												
CDE NO.(OLD)	G HIROSE	Note QT:Qualification Test	Unless otherwise specified, refer to JIS C 5402.		REMARKS		SOLDERABILITY	RESISTANCE TO SOLDERING HEAT	SURPHUR DIOXIDE [JIS C 0090]		1	COLD	DRY HEAT	RAPID CHANGE OF TEMPERATURE	ITEM
ELC4 – 1	S	AT:Assurance Test X:	fied, refer to JIS C 54				SOLDERED AT SOLDER TEMPERATURE, 235°C FOR IMMERSION DURATION, 2 sec.	1) REFLOW SOLDERING: PEAK TMP. 250°C MAX. REFLOW TMP. 230°C MIN FOR 60 sec. 2) SOLDERING IRONS: TMP. 350±5°C FOR 5 sec.	EXPOSED AT 40 °C , RELATIVE HUMIDITY 25 PPM FOR 96 h.	EXPOSED AT 40°C, RELA $\sim$ 15 PPM FOR 96h.		EXPOSED AT –55°C, 96 h.	EXPOSED AT 85 °C, 96 h.	TEMPERATURE-55→+15 TIME 30→ 2- UNDER 5 CYCLES.	TEST M
53685 - 01	PECIFICATION SH	X:Applicable Test	02.11.11	S.OKAMURA	DRAWN		TEMPERATURE, 235°C ION, 2 sec.	3: AX. C MIN FOR 60 sec.	ATIVE HUMIDITY 80%,	RELATIVE HUMIDITY 80%,	ALT WATER SPRAY			TEMPERATURE-55→+15ro+35→+85→+15ro+35°C TIME 30→ 2~3 → 30→ 2~3 min. UNDER 5 CYCLES.	EST METHOD
CODE NO	SHEET FH23		02.11.11	S.OKAMURA	DESIGNED	THE SURFACE BEING IMMER	A NEW UNIFORM COATING SHALL COVER A MINIMUM (	NO DEFORMATION OF CASE EXCESSIVE LOOSENESS O TERMINALS.	③ NO EVIDENCE OF CORRO AFFECTS TO OPERATION OF CONNECTOR.	② NO DAMAGE, CRACK AND OF PARTS.	① CONTACT RE	(2) NO DAMAGE, CRACK AND OF PARTS.	① CONTACT RESISTANCE: 1	<ul> <li>① CONTACT RESISTANCE:</li> <li>② INSULATION RESISTANC</li> <li>③ NO DAMAGE, CRACK AND OF PARTS.</li> </ul>	
CL 586	- *S -		02.11.11	R.TAKAYASU	CHECKED	SEING IMMERS	MINIMUM OF	ATION OF CASE LOOSENESS OF	E OF CORROS OPERATION C				_	CONTACT RESISTANCE: 10 INSULATION RESISTANCE: NO DAMAGE, CRACK AND I OF PARTS.	REQUIREMENT
	0.3SHAW(05)		02.11.12	M.ISHIDA	APPROVED F	SED.	F SOLDER 95 % OF	SE OF S OF THE	OSION WHICH	LOOSENESS	100 mΩ	LOOSENESS	00 mΩ MAX.	: 100 mΩ MAX. CE: 50 MΩ MIN. ND LOOSENESS	S
\ N	V(05				RELEASED		×	×	×	×	×	×	×	×	2
	$\bigcap$				8						- 1	1	1	I	<b>≥</b>

FORM No.231-2