	COUNT	DESCRIPTION O	ISIONS BY CHKD DA			DATE	ATE COUNT		NT	DESCRIPTION OF REV			VISIONS	VISIONS BY CHKI		D DATE		
4	8	RE-5-2	.033				18.10.0											
<u>/2\</u>	1	RE-5-2			C.Y.H	C.D.H	23.04.2	4 🛆										
APPLICABLE STANDARD Operating temperature																		
		RANGE	1 -40°C ~ +105°C <i>(note1)</i> sto							1	DRAGE TEMPERATURE RANGE -10°C ~ +50°C(Paci			(Packe	d Conc	dition)		
RA.	TING	VOLTAGE		50V [AC(rms) / D				1)/ 1			RATING O		GE	RELATIVE HUMIDITY 90% MA			X (NOT [DEWED)
		CLIDDENIT	1 (0.5A [AC(rms) / DC] (note2)						. 2)	+ -	ADDUCABLE CARLE FPC/FFC (TYPE A : t=0.3					A: t=0.3:	±0.03mm)
CURRENT											PPLICABLE CABLE (TYPE B : t=0.3±0						0.05mm))
				SPECIFICATION														
		ITEM			TES	T ME	THOD					F	REQUIR	EMENT	<u> </u>		QT	AT
		UCTION	T															
		MINATION	VISUALLY AND BY MEASURING INSTRUMENT								ACCORDING TO DRAWING						0	0
MARK			CONFIRMED VISUALLY														0	0
ELE	CTRI	CAL CHARAC																
CONTACT RESISTANCE			MATE APPLICABLE FPC/FFC AND APPLY A CURRENT OF								50 mΩ MAX.						0	0
INSULATION RESISTANCE			AC 20mV MAX, 1mA								INCLUDING FPC/FFC BULK RESISTANCE(L=8mm)						₩	igspace
INSUL	ATION R	ESISTANCE	MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF								500 MΩ MIN.						0	0
VOLTAGE PROOF			DC 100V MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF								NO BREAKDOWN.							-
VOLTAGE PROOF			AC 150V FOR 1 min.								INO BREAKDOWIN.						0	0
ME	СНД	VICAL CHAR	ACTERISTICS								4							
	ETENSIO		MEASURE BY APPLICABLE FPC/FFC(t=0.3)								①HORIZONTAL DIRECTION: 0.4N*n min.						1	
4			AT INITIAL CONDITION								②VERTICAL DIRECTION: 0.3N*n min.						0	-
MECH	ANICAL (OPERATION	20 TIMES	INSERT	ONS AN	ND EXTRA	ATIONS			_	`		Contacts) (1 ISTANCE: 5				+_	
											②NO DA	AMAGE,C	RACK AND	LOOSENES		.RTS	0	_
VIBRA	TION		FREQUEN AT 2h, IN		,	TOTAL A	MPLITUD	E 1.5 m	ım		~			INUITY OF 50mΩ MAX			0	-
SHOCK			AT 2h, IN 3 DIRECTIONS 981m/s ² DIRECTION OF PULSE 6ms AT 3 TIMES								_			LOOSENES		.RTS	0	_
ENI	/IDO	NINAENITAL CI	IN 3 DIRE			<u></u>												
		NMENTAL CI					2114			- 1	@CONT.	ACT DEC	ICTANICE, E	0 m2 0 MAN			Τ .	1
DAMP HEAT(STEADY STATE) RAPID CHANGE OF TEMPERATURE			EXPOSED AT 40±2°C, 90~95 %, 96Hr. TEMPERATURE:-40±2→15~35→+105±2→15~35 °C								①CONTACT RESISTANCE: 50 mΩ MAX. ②INSULATION RESISTANCE: 50MΩ MIN.						0	-
10 (11)	CHANG	1	TIME :	TOKE. 4		→ 2~3			!~3 min.		_			LOOSENES		RTS	0	_
			UNDER 5	CYCLES		. 2 3	. 50	,	. 3		9140 Di	WIN COL,	ervier on	LOOSLI VLS	5 01 174	(15.	•	
DAMP HEAT, CYCLE			TEMPERATURE -10→+65							\dashv								
			HUMIDIT	Y:90~9	5%												0	-
			10 CYCLE	(240Hr)														
DRY HEAT			EXPOSED AT 105±2°C, 96Hr								①CONTACT RESISTANCE: 50mΩ MAX						0	-
COLD			EXPOSED AT -40±2°C, 96Hr								②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.						0	-
CORROSION SALT SPRAY			EXPOSED AT 35±2°C, 5±1% SALT WATER SPRAY FOR 48Hr							r	①CONTACT RESISTANCE 50mΩ MAX					0	_	
											@NO DAMAGE, CRACK OR LOOSENESS OF PARTS.							
HYDROGEN SULPHIDE			EXPOSED IN 3 PPM FOR 96Hr.								③NO EVIDENCE OF CORROSION WHICH AFFECTS						0	_
PERIOTAL DE TO			(TEST STANDARD : JEIDA-38)								TO OPERATION OF CONNECTOR.							
RESISTANCE TO			1)REFLOW SOLDERING:								①NO DEFORMATION OF CASE OF EXCESSIVE							
SOLDERING HEAT			PEAK TMP. : 250°C MAX. TMP. 230°C MIN FOR 60s 2)SOLDERING IRONS TMP. : 350±10°C FOR 5±1s								LOOSENESS OF THE TERMINALS. ②NO DAMAGE OF ELECTRICAL PERFORMANCE						0	-
SOLDE	R ABILIT	v						5±15		_	_							
JOEDI	IN ADILIT		SOLDER DIPPING TEMPERATURE 245±5°C (TEST STANDARD : MIL-STD-202)									A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95% OF						_
			FOR IMM				3 sec						ING IMME				0	-
<u> </u>	note 1)		I OK IIVIIVI	ENSIOI	DOIGHI	014, 510	.5 500.			!	THE SOIL	WALL DE	III VO IIVIIVIEI	IJED.			ļ	
Z <u>T</u> ,	FOLL	OW THE SPECIFICA	TIONS O	F FPC/	FFC IF I	T'S ALL	OWABLE	MAX	IMUM	OPE	RATING	TEMPE	RATURE					
		LOW 105℃																
<u>/1</u> \(note 2)																	
		n the same valu The current to t							CISA	I IHI	e Same	IIME	N ONCE,					
Λ	note 3)	ITIL CORREINT TO T	11L /U/0 ·	OI IIIL	NAILL	CORRI	LINI VAL	OL.										
(,	re's a case which	FPC/FFC	RETEN	ITION I	FORCE I	DOESN'T	FULF	LL THE	VAL	LUE,							
BECAUSE FPC/FFC SPECIFICATION AFFECTS THE RESULT C																		
REMARKS CONDITION			IS FOR TESTING					DRAWN B.J KIM		1	B.J KIM		CHECKED APPROVED			RELEAS		
													D.H C				ENG 23.04.24	
										40.02.02			- 17					
UNLE	SS OTH	IERWISE SPECIFIED	, REFER	TO JIS	C 540	2.	1			1			18.03.	3.02 18.03.02			DEF	'ال'
ИОТ	E Q1	: QUALIFICATIO	N TEST	AT:	ASSUF	RANCE	TEST	O: AF	PLICA	BLE	TEST							
	HIRC	SE KOREA CO	O.,LTD.	•	SF	PECI	FICA	ICATION SHE				EET PART NO. TF31-**S-1SH (800)						
CODI	E NO.(O	LD)	DRAWING NO.						CODE	NO.							1 /	
CL			ELC4-632358								CL 6535-***-*-800							I_1
									1									, 1