COUNT	DESCRIPTION C	F REVIS	IONS	BY	СНКД	DAT	E	сои			ON OF RE	VISIO	NS	BY	СНК	D D	ATE
1 8	RE-5-2	RE-5-2033			Y.K.G C.D.H 18.1			0.04 🛆									
1	RE-5-2	988		C.Y.H	C.D.H	23.04	.24 🛆										
APPLICA	APPLICABLE STANDARD																
	OPERATING TEMPERATU RANGE	JRE	Λ-	40℃	~ +10)5℃	(note	1)	STORAGE T	MPERAT	URE RANGE	-10°0	C ~ +5	50°C(Packe	ed Con	dition)
RATING	50V[AC(rms)/DC]								RELATIVE HUMIDITY 90% MA						AX (NOT	DEWED)	
									MIDITY RANGE FPC/FFC (TYPE A : t=0.3±0 PPLICABLE CABLE FPC/FFC (TYPE A : t=0.3±0								
	CURRENT									ABLE	CABLE					±0.05mm	
					SF	PEC	IFIC	ATIC	DNS								
ITEM TEST METHOD REQUIREMENTS													QT	AT			
CONSTR									•								
GENERAL EXAM	VISUALLY AND BY MEASURING INSTRUMENT								ACCORDING TO DRAWING						0	0	
MARKING	CONFIRMED VISUALLY														0	0	
ELECTRI	CAL CHARAG	TERISTICS															
CONTACT RESI	STANCE	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)						Ľ	Ŭ
		MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF							500 M	500 ΜΩ ΜΙΝ.						0	0
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~								A 140 88							_	
VOLTAGE PRO	OF									EAKDOV	VN.					0	0
	AC 150V FOR 1 min.																
FPC RETENSION	NICAL CHAR					(+_0 2)						· 0 4NI*	n min				-
FPC RETEINSION	MEASURE BY APPLICABLE FPC/FFC(t=0.3) AT INITIAL CONDITION							~	 ①HORIZONTAL DIRECTION : 0.4N*n min. ②VERTICAL DIRECTION : 0.3N*n min. 					0	-		
										of Contacts) (1							
MECHANICAL	20 TIMES INSERTIONS AND EXTRATIONS							~		ESISTANCE: 50 E,CRACK AND)F PAr	RTS	0	-	
VIBRATION	FREQUENCY 10 ~ 55 Hz, TOTAL AMPLITUDE 1.5 mm									CAL DISCONT				(15	0	-	
SHOCK	AT 2h, IN 3 DIRECTIONS									ESISTANCE : 5 E,CRACK AND				DTC			
billocit		981m/s ² DIRECTION OF PULSE 6ms AT 3 TIMES IN 3 DIRECTIONS.									L,CIACK AND	/ LOO3L	.INE35 0		13	0	-
ENVIRO	NMENTAL C	HARA	CTER	ISTIC	CS												
DAMP HEAT(ST	EXPOSED AT 40±2°C, 90~95 %, 96Hr.							1)CON	①CONTACT RESISTANCE: 50 mΩ MAX.						0	-	
RAPID CHANG	TEMPERATURE:-40±2→15~35→+105±2→15~35 ℃							②INSU	②INSULATION RESISTANCE: 50MΩ MIN.								
	<u>/1</u>	TIME :		30	→ 2~3	\rightarrow	30 → 2	~3 min	. ③NO	DAMAG	e, crack or	LOOSE	NESS OF	F PAR	TS.	0	-
		UNDER 5 CYCLES.															
DAMP HEAT, CYCLE		TEMPERATURE -10→+65															
		HUMIDITY : 90~95%														0	-
	10 CYCLE(240Hr)							0.001									
DRY HEAT		EXPOSED AT 105±2°C, 96Hr														0	-
CORD CORROSION SALT SPRAY		EXPOSED AT -40±2°C, 96Hr							~	©NO DAMAGE, CRACK OR LOOSENESS OF PARTS.						0	-
CORROSION SALT SPRAT		EXPOSED AT 35±2°C, 5±1% SALT WATER SPRAY FOR 48Hr							~	 CONTACT RESISTANCE 50mΩ MAX NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 						0	-
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 96Hr. (TEST STANDARD : JEIDA-38)								 ③NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF CONNECTOR. 							
	-								0							-	
RESISTANCE TO	(TEST STANDARD : JEIDA-56) 1)REFLOW SOLDERING:								(I)NO DEFORMATION OF CASE OF EXCESSIVE						-		
SOLDERING HE	PEAK TMP. : 250°C MAX. TMP. 230°C MIN FOR 60s							~	LOOSENESS OF THE TERMINALS.						0	-	
		2)SOLDERING IRONS TMP. : 350±10℃ FOR 5±1s							②NO	(2) NO DAMAGE OF ELECTRICAL PERFORMANCE							
SOLDER ABILITY		SOLDER DIPPING TEMPERATURE 245±5°C							A NEW	A NEW UNIFORM COATING OF SOLDER							
	(TEST STANDARD : MIL-STD-202)								SHALL COVER A MINIMUM OF 95% OF						0	-	
	FOR IMMERSION DURATION, 3±0.3 sec.								THE SURFACE BEING IMMERSED.								
▲ (note 1) FOLLOW THE SPECIFICATIONS OF FPC/FFC IF IT'S ALLOWABLE MAXIMUM OPERATING TEMPERATURE IS BELOW 105°C ▲ (note 2) WHEN THE SAME VALUE OF CURRENT ARE APPLIED TO ALL CONTACTS AT THE SAME TIME IN ONCE, SET THE CURRENT TO THE 70% OF THE RATED CURRENT VALUE. ▲ (note 3) THERE'S A CASE WHICH FPC/FFC RETENTION FORCE DOESN'T FULFILL THE VALUE, BECAUSE FPC/FFC SPECIFICATION AFFECTS THE RESULT OF FPC/FFC RETENTION FORCE. REMARKS CONDITIONS FOR TESTING DRAWN DESIGNED CHECKED APPROVED																	
						B.J KIM		B.JK	B.J KIM		H CHO H.C SONG				ENG		
														23.04			
UNLESS OTH	to jis	13 C 5402.					18.03	18.03.02 18.03.02 18.03.02 DEPT					ッシ				
NOTE Q	T: QUALIFICATIO	N TEST	AT: /	ASSUR	ANCE	TEST	O: AF	PLICA	BLE TEST	Γ							
HIROSE KOREA CO.,LTD.				SPECIFICATION SHE					HEET	ET F31-**S-0.5SH (800)							
CODE NO.(O	DRAWING			IG NO. CODE NO			NO.						_		1		
CL	ELC4-632346								CL 6535-****-*-800					1/1			
										/ 1							