

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE			
	3	RE-5-1588	N.J.W	A.B.H	17.02.27		2	RE-5-2935	K.C.J	A.B.H	23.01.11			
	9	RE-5-1840	K.C.J	A.B.H	17.12.12		2	RE-5-3141	K.G.J	Y.W.S	24.04.05			
	2	RE-5-2373	P.J.H	A.B.H	20.04.24									
APPLICABLE STANDARD														
RATING	OPERATING TEMPERATURE RANGE		-40℃ ~ 85℃ (NOTE1)				STORAGE TEMPERATURE RANGE		-10℃ TO 60℃(WITH PACKING)					
	VOLTAGE		AC 10V				OPERATING OR STORAGE HUMIDITY RANGE		95% MAX (NON-CONDENSING)					
	CURRENT		0.5A											
SPECIFICATIONS														
ITEM		TEST METHOD				REQUIREMENTS				QT	AT			
CONSTRUCTION														
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT				ACCORDING TO DRAWING				X	X			
MARKING										X	X			
ELECTRICAL CHARACTERISTICS														
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD IEC60512-2-1		100mA MAX (DC or 1000Hz)					INITIALLY 100mΩ MAX (NOTE2)				X	-		
INSULATION RESISTANCE IEC60512-3-1			MEASURE WITHIN 1 MINUTE AFTER APPLYING 500V DC					INITIALLY 1000MΩ MIN				X	-	
VOLTAGE PROOF IEC60512-4-1			500Vrms AC IS APPLIED FOR 1 MINUTE					① NO FLASHOVER OR BREAKDOWN ② CURRENT LEAKAGE 1mA MAX				X	X	
MECHANICAL CHARACTERISTICS														
MECHANICAL OPERATION [OFFICE ENVIRONMENT] EIA364B class 1.1		5,000 TIMES INSERTION AND WITHDRAWAL SHALL BE MADE AT THE CYCLE RATE LESS THAN 10 CYCLES PER 1MINUTE NOTE: AFTER EACH 10 CYCLES STOP THE INSERTION AND REST THE CONNECTOR FOR 5 TO 10 MINETES. CARD SURFACE SHALL BE CLEANED BY AIR BLOW: AT EACH 100 CYCLES INTERVAL(10 TIMES) FROM START TO 1,000 CYCLES. AT EACH 1,000 CYCLES INTERVAL(4 TIMES) FROM 1,001 CYCLES TO 5,000CYCLES.					① CONTACT RESISTANCE: AFTER TEST 50mΩ MAX CHANGE ② NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.				X	-		
CARD INSERTION FORCE		MEASURED BY APPLICABLE CARD AT 25± 3mm/min				1 TO 7N (NOTE3)				X	-			
CARD EJECTION FORCE														
VIBRATION AND HIGH FREQUENCY IEC60512-6-4			FREQUENCY 10 TO 55 TO 10 Hz/min, SINGLE AMPLITUDE 0.75mm FOR 4h IN X,Y,Z 3 DIRECTIONS, TOTAL 12h					① NO ELECTRICAL DISCONTINUITY OF 1us ② NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.				X	-	
SHOCK IEC60512-6-3			ACCELERATION 490m/s2 STANDARD HOLDING TIME 11ms, SEMI-SINE WAVE FOR 3 TIMES IN 3 DIRECTIONS, TOTAL 18 TIMES.					③ CONTACT RESISTANCE AFTER TEST 50mΩ MAX CHANGE				X	-	
REFERENCE DRAWING														
REMARKS (NOTE1) : INCLUDE THE TEMPERATURE RISE BY CURRENT (NOTE2) : CONTACT RESISTANCE INCLUDES CONDUCTOR RESISTANCE UNLESS OTHERWISE SPECIFIED. THE TEST SHOULD BE DONE UNDER TEMP 15 TO 35℃. AIR PRESSURE 86 TO 106kPA, RESLATIVE HUMIDITY 25 TO 85%. (NOTE3) : IT MAY BE CHANGED ACCORDING TO THE TRAY/CARD MATERIAL AND DIMENSIONS.					DRAWN		DESIGNED		CHECKED		APPROVED		RELEASED	
					M.J.CHEON 15.05.18		M.J.CHEON 15.05.18		M.J.CHEON 15.05.18		H.C.SONG 15.05.18			
NOTE  QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST														
HIROSE KOREA CO.,LTD.			SPECIFICATION SHEET				PART NO. KP13C-6S-SF(800)							
CODE NO.(OLD) CL		DRAWING NO. ELC4-631874				CODE NO. CL 6530-0007-2-800				1/2				

SPECIFICATIONS				
ITEM	TEST METHOD	REQUIREMENTS	QT	AT
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE IEC60512-11-4	5 CYCLES(1CYCLE=1HOUR) WITH CARD MATED CONDITION (TEMPERATURE : -55℃ TO 85℃, RELOCATION TIME TO CHAMBER : WHITIN 5MIN)	① CONTACT RESISTANCE : AFTER TEST 50mΩ MAX CHANGE ② INSULATION RESISTANCE : AFTER TEST 100MΩ MIN ③ NO MECHANICAL DAMAGE OR HEAVY CORROSION SHALL OCCUR ON THE PARTS.	X	-
DRY HEAT IEC60512-11-9	EXPOSED AT 85℃ FOR 96 HOURS WITH CARD MATED CONDITION		X	-
COLD IEC60512-11-10	EXPOSED AT -40℃ FOR 96 HOURS WITH CARD MATED CONDITION		X	-
DAMP HEAT STEADY STATE IEC60512-11-3	EXPOSED AT 40℃, 90 TO 95%RH, 96 HOURS WITH CARD MATED CONDITION		X	-
CORROSION SALT MIST IEC60068-2-11	EXPOSED AT 35±2℃, 5% SALT WATER SPRAY FOR 48Hr		X	-
RESISTANCE TO SOLDERING HEAT	SEE THE FOLLOWING CONDITION, NUMBER OF CYCLE 1 TIME (NOTE4)	NO MECHANICAL DAMAGE OR HEAVY CORROSION SHALL OCCUR ON THE PARTS.	X	-
(NOTE4)				
REFERENCE DRAWING				
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST				
HIROSE KOREA CO.,LTD.		SPECIFICATION SHEET	PART NO. KP13C-6S-SF(800)	
CODE NO.(OLD) CL	DRAWING NO. ELC4-631874	CODE NO. CL 6530-0007-2-800	2/2	