	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△1	2	RE-5-1567	N.J.W	S.H.C	17.02.06	△3	2	RE-5-2221	K.C.J	A.B.H	19.06.24
△2	9	RE-5-1840	K.C.J	A.B.H	17.12.12	△4	2	RE-5-2935	K.C.J	A.B.H	23.01.11

APPLICABLE STANDARD

RATING	OPERATING TEMPERATURE RANGE	-40℃ ~ 85℃ (NOTE1) △4	STORAGE TEMPERATURE RANGE	-10℃ TO 60℃(WITH PACKING) △4
	VOLTAGE	AC 10V	OPERATING OR STORAGE HUMIDITY RANGE	95% MAXIMUM (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	OPEN VOLTAGE 20 mV AC MAX TEST CURRENT 1mA	INITIALLY 100mΩ MAXIMUM (NOTE2)	X	-
INSULATION RESISTANCE IEC60512-3-1 △2	MEASURE WITHIN 1 MINUTE AFTER APPLYING 500V DC	INITIALLY 1000MΩ MINIMUM	X	-
VOLTAGE PROOF IEC60512-4-1 △2	500Vrms AC IS APPLIED FOR 1 MINUTE	① NO FLASHOVER OR BREAKDOWN ② CURRENT LEAKAGE 1mA MAXIMUM	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 MINUTES. 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	① CONTACT RESISTANCE: AFTER TEST 50mΩ MAXIMUM CHANGE ② NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.	X	-
CARD INSERTION FORCE CARD EJECTION FORCE	MEASURED BY APPLICABLE CARD AT 25± 3mm/min	3 TO 7N (NOTE3)	X	-
VIBRATION AND HIGH FREQUENCY IEC60512-6-4 △2	FREQUENCY 10 TO 55 TO 10 Hz/min, SINGLE AMPLITUDE 0.75mm FOR 2h IN X,Y,Z 3 DIRECTIONS, TOTAL 6h	① NO ELECTRICAL DISCONTINUITY OF 1us ② NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.	X	-
SHOCK IEC60512-6-3 △2	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 MAXIMUM CHANGE △3	X	-

REFERENCE DRAWING

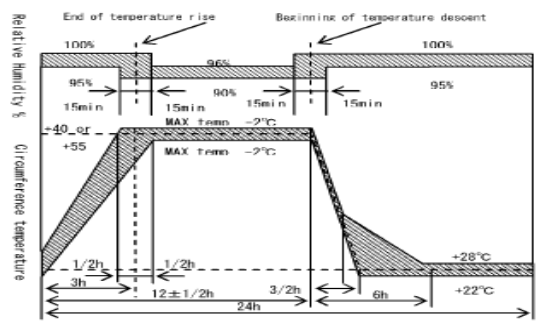
REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
(NOTE1) : INCLUDE THE TEMPERATURE RISE BY CURRENT *(NOTE2) : CONTACT RESISTANCE INCLUDES CONDUCTOR RESISTANCE UNLESS OTHERWISE SPECIFIED. THE TEST SHOULD BE DONE UNDER TEMP 15 TO 35℃. AIR PRESSURE 86 TO 106kPA, RESLATIVE HUMIDITY 25 TO 85%.* *(NOTE3) : IT MAY BE CHANGED ACCORDING TO THE TRAY/CARD MATERIAL AND DIMENSIONS.* △1	C.K.KIM 14.06.30	C.K.KIM 14.06.30	C.K.KIM 14.06.30	H.C.SONG 14.06.30	ENG 23.01.11 DEPT

NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST

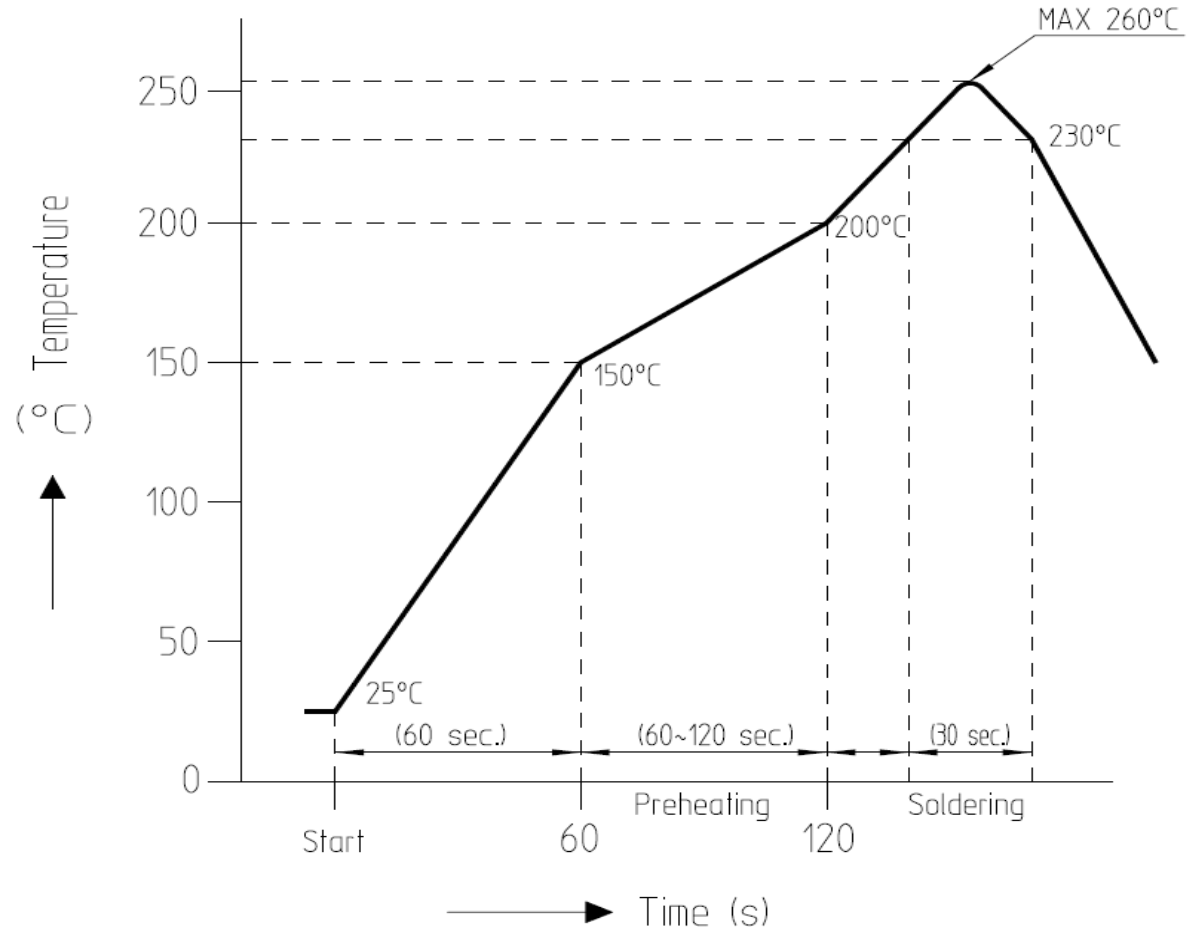
HIROSE KOREA CO.,LTD.	SPECIFICATION SHEET	PART NO. KP13B-SF-PEJ(800)

CODE NO.(OLD)	DRAWING NO.	CODE NO.	
CL	ELC4-631768	CL 6530-0002-9-800	1/2

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT CYCLE IEC60512-11-12 (2)	10 CYCLES(1CYCLE=24HOURS)WITH CONNECTORS ENGAGED. 	① CONTACT RESISTANCE : AFTER TEST 50mΩ MAXIMUM CHANGE ② INSULATION RESISTANCE : AFTER TEST 100MΩ MINIMUM ③ NO MECHANICAL DAMAGE OR HEAVY CORROSION SHALL OCCUR ON THE PARTS.	X	–
RAPID CHANGE OF TEMPERATURE IEC60512-11-4 (2)	5 CYCLES(1CYCLE=1HOUR) WITH CARD MATED CONDITION (TEMPERATURE : -55℃ TO 85℃, RELOCATION TIME TO CHAMBER : WHITIN 5MIN)		X	–
DRY HEAT IEC60512-11-9 (2)	EXPOSED AT 85℃ FOR 96 HOURS WITH CARD MATED CONDITION		X	–
COLD IEC60512-11-10 (2)	EXPOSED AT -40℃ FOR 96 HOURS WITH CARD MATED CONDITION		X	–
DAMP HEAT STEADY STATE IEC60512-11-3 (2)	EXPOSED AT 40℃, 90 TO 95%RH, 96 HOURS WITH CARD MATED CONDITION		X	–
HYDROGEN SULPHIDE JEIDA 38	EXPOSED IN 3 PPM HYDROGEN SULPHIDE, APPROX. 40℃, 80%RH, 96HOURS WITH CARD MATED CONDITION		X	–
CORROSION SALT MIST IEC60068-2-11	EXPOSED AT 35±2℃, 5% SALT WATER SPRAY FOR 48Hr		X	–
RECOMMENDED TEMPERATURE PROFILE	SEE THE FOLLOWING CONDITION, NUMBER OF CYCLE 1 TIME (NOTE4)	NO MECHANICAL DAMAGE OR HEAVY CORROSION SHALL OCCUR ON THE PARTS. (3)	X	–

(NOTE4)



REFERENCE DRAWING

NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST

HIROSE KOREA CO.,LTD.	SPECIFICATION SHEET	PART NO. KP13B-SF-PEJ(800)
CODE NO.(OLD)	DRAWING NO.	CODE NO.

CL

ELC4-631768

CL 6530-0002-9-800

2