










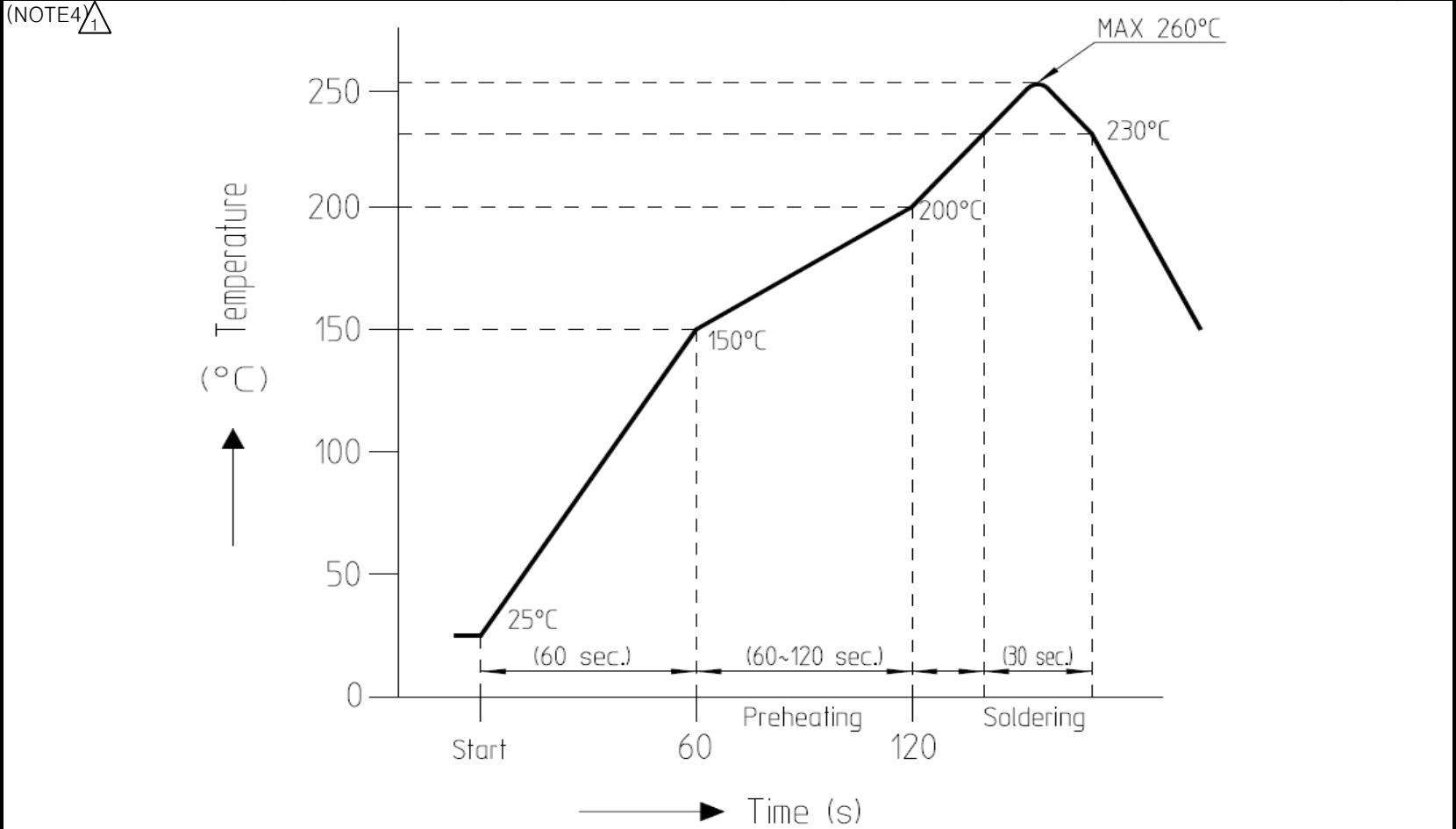


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

	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		1	RE-5-2373	P.J.H	A.B.H	20.04.24
	9	RE-5-1840	K.C.J	A.B.H	17.12.12		2	RE-5-2935	K.C.J	A.B.H	23.01.11
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% 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 		MEASURE WITHIN 1 MINUTE AFTER APPLYING 500V DC				INITIALLY 1000MΩ MINIMUM				X	-
VOLTAGE PROOF IEC60512-4-1 		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 CONTACT RESISTANCE: AFTER TEST 50mΩ MAXIMUM CHANGE ② NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.				X	-
CARD INSERTION FORCE		MEASURED BY APPLICABLE CARD AT 25±				1 TO 7N (NOTE3)				X	-
CARD EJECTION FORCE		3mm/min									
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 MAXIMUM CHANGE				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, RELATIVE HUMIDITY 25 TO 85%. (NOTE3) : IT MAY BE CHANGED ACCORDING TO THE TRAY/CARD MATERIAL AND DIMENSIONS.				J.Y.JUNG 16.06.08	J.Y.JUNG 16.06.08	B.H.AN 16.06.08	H.C.SONG 16.06.08	<div>ENG 23.01.11 DEPT</div>			
NOTE  QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST											
HIROSE KOREA CO.,LTD.				SPECIFICATION SHEET				PART NO. KP13CH-6S-SF(800)			
CODE NO.(OLD) CL		DRAWING NO. ELC4-631864				CODE NO. CL 6530-0006-0-800				1 2	

SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
ENVIRONMENTAL CHARACTERISTICS					
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)	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	-
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	-
CORROSION SALT MIST IEC60068-2-11	△2	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	-



REFERENCE DRAWING

NOTE ¹ QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST				
HIROSE KOREA CO.,LTD.		SPECIFICATION SHEET		PART NO. KP13CH-6S-SF(800)
CODE NO.(OLD) CL	DRAWING NO. ELC4-631864		CODE NO. CL 6530-0006-0-800	2/2