	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△1	10	RE-5-1840	Y.K.G	A.B.H	17.12.05	△4	1	RE-5-2840	P.S.H	A.B.H	22.07.18
△2	1	RE-5-2031	K.C.J	A.B.H	18.09.07	△5	2	RE-5-2935	K.C.J	A.B.H	23.01.11
△3	3	RE-5-2373	P.J.H	A.B.H	20.04.17	△					

APPLICABLE STANDARD

RATING	OPERATING TEMPERATURE RANGE	-40℃ ~ 85℃ (NOTE1) △5	STORAGE TEMPERATURE RANGE	-10℃ TO 60℃(WITH PACKING) △5
	VOLTAGE	AC 10V △2	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 60mΩ MAXIMUM (SIGNAL) (NOTE2) 200mΩ MAXIMUM (SW)	X	-
INSULATION RESISTANCE IEC60512-3-1 △1	MEASURE WITHIN 1 MINUTE AFTER APPLYING 500V DC	INITIALLY 1000MΩ MINIMUM	X	-
VOLTAGE PROOF IEC60512-4-1 △1	SINGNAL:500Vrms AC IS APPLIED FOR 1 MINUTE OTHERS:375Vrms 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 △4	10,000 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(9 TIMES) FROM 1,001 CYCLES TO 10,000CYCLES.	① CONTACT RESISTANCE: AFTER 100mΩ MAXIMUM (SIGNAL) 300mΩ MAXIMUM (SW) ② NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.	X	-
CARD INSERTION FORCE	MEASURED BY APPLICABLE CARD AT 25± 3mm/min	3 TO 7N (NOTE3)	X	-
CARD EJECTION FORCE				
VIBRATION AND HIGH FREQUENCY IEC60512-6-4 △1	FREQUENCY 10 TO 55 TO 10 Hz/min, SINGLE AMPLITUDE 0.75mm FOR 4h IN X,Y,Z 3 DIRECTIONS, TOTLA 12h	① NO ELECTRICAL DISCONTINUITY OF 1us ② NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS	X	-
SHOCK IEC60512-6-3 △1	ACCELERATION 490m/s2 STANDARD HOLDING TIME 11ms, SEMI-SINE WAVE FOR 3 TIMES IN 3 DIRECTIONS, TOTAL 18 TIMES.	③ CONTACT RESISTANCE 100mΩ,MAXIUM (SIGNAL) 300mΩ MAXIUM (SW) △3	X	-

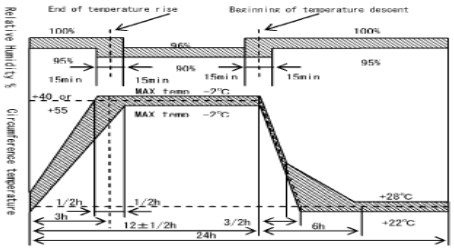
REFERENCE DRAWING

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.* △3	J.H.CHOI 15.02.23	J.H.CHOI 15.02.23	J.H.CHOI 15.02.23	H.C.SONG 15.02.23	ENG 23.01.11 DEPT

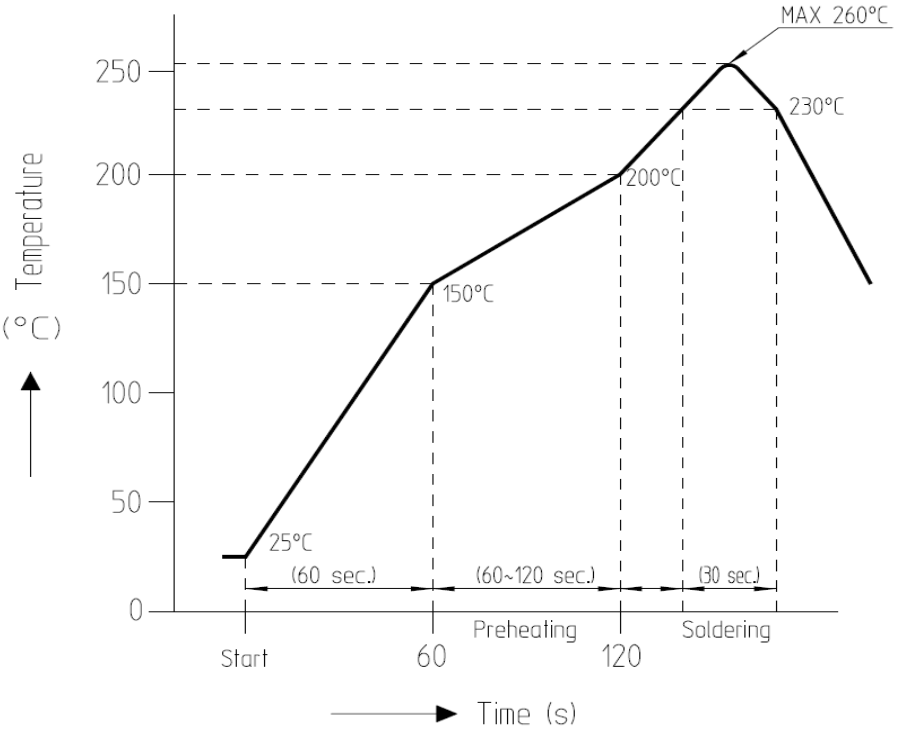
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST

HIROSE KOREA CO.,LTD.	SPECIFICATION SHEET	PART NO. DM3NW-SF-PEJ(800)	
CODE NO.(OLD) CL	DRAWING NO. ELC4-631423	CODE NO. CL 6533-0019-0-800	1/2

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT CYCLE IEC60512-11-12 △1	10 CYCLES(1CYCLE=24HOURS)WITH CONNECTORS ENGAGED. 	① CONTACT RESISTANCE : AFTER 100mΩ MAXIMUM (SIGNAL) 300mΩ MAXIUM (SW) 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 △1	5 CYCLES(1CYCLE=1HOUR) WITH CARD MATED CONDITION (TEMPERATURE : −55℃ TO 85℃, RELOCATION TIME TO CHAMBER : WHITIN 5MIN)		X	–
DRY HEAT IEC60512-11-9 △1	EXPOSED AT 85℃ FOR 96 HOURS WITH CARD MATED CONDITION		X	–
COLD IEC60512-11-10 △1	EXPOSED AT −40℃ FOR 96 HOURS WITH CARD MATED CONDITION		X	–
DAMP HEAT STEADY STATE IEC60512-11-3 △1	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 △1	EXPOSED AT 35±2℃, 5% SALT WATER SPRAY FOR 48Hr △3		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.	X	–

(NOTE4)



REFERENCE DRAWING

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

HIROSE KOREA CO.,LTD.	SPECIFICATION SHEET	PART NO. DM3NW-SF-PEJ(800)

CODE NO.(OLD) CL	DRAWING NO. ELC4-631423	CODE NO. CL 6533-0019-0-800	2/2