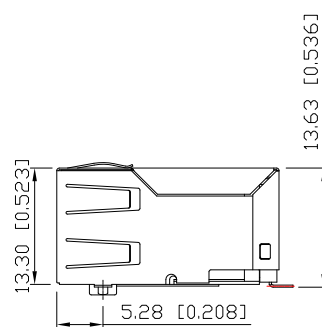
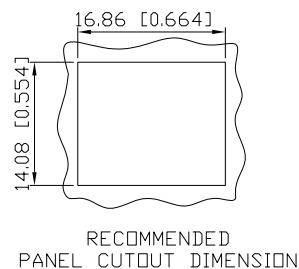
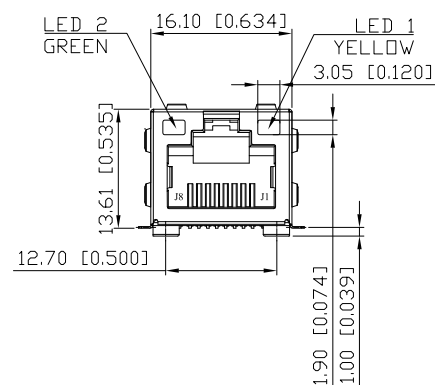
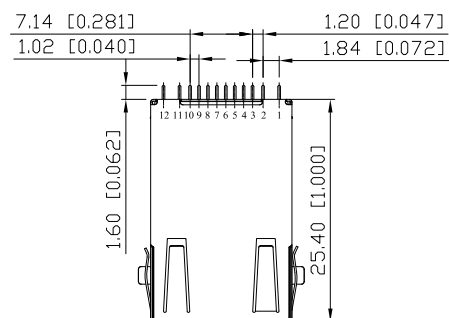
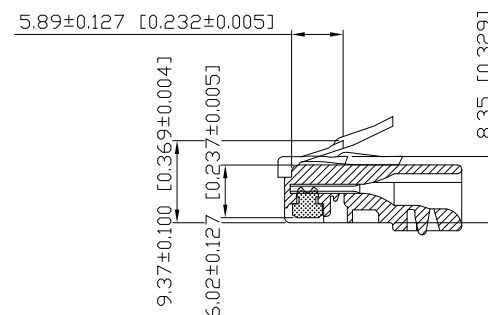


1. MECHANICAL DIMENSIONS :



RECOMMENDED PLUG DIMENSION:



NOTES:

1. MATERIAL:
HOUSING: HIGH THERMOPLASTIC, UL94V-0, BLACK
CONTACTS: T=0.30mm PHOS-BRONZE,
6u" GOLD PLATING ON CONTACT AREA,
NICKEL UNDERPLATING OVERALL
SHIELD: T=0.20mm COPPER ALLOY, NICKEL PLATING
2. OPERATING TEMPERATURE: 0°C~+70°C
3. MATING FORCE: 4 POUNDS MAX.
UNMATING FORCE: 4 POUNDS MAX.
4. DURABILITY: 750 MATING CYCLED MIN.
5. CAVITY CONFORMS TO FCC RULES
AND REGULATIONS PART 68, SUBPART F.
6. UNSPECIFIED TOLERANCE: .XX ±0.25[0.010]
.X ±0.30[0.012]

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X. ±
.X ±
.XX ±
.XXX ±
ANG ±

照片框

ORDER INFORMATION

MJWF13T56UL-KF06EP1GY-0808-LF

SERIES

BLACK

06u" GOLD

FULL SPRING

EAR+POST

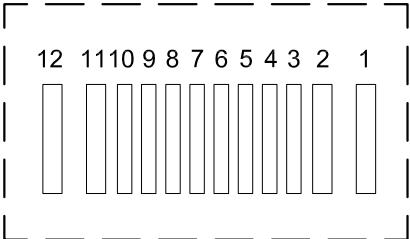
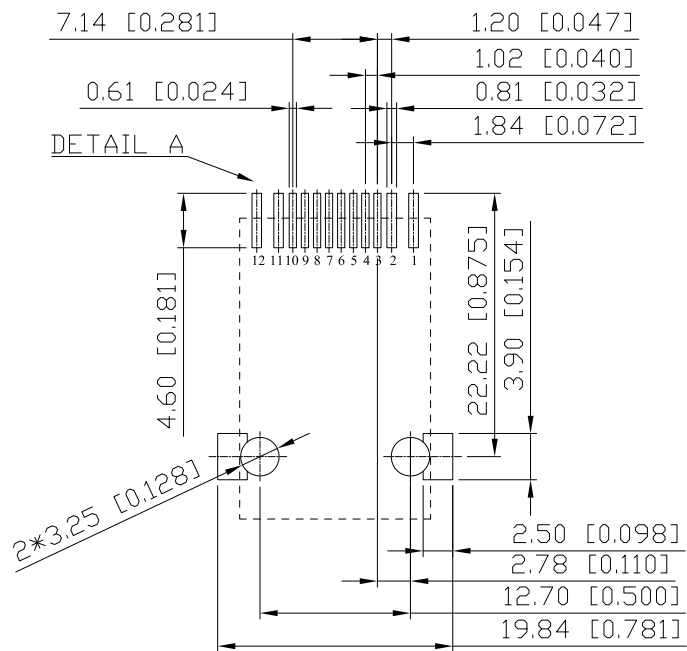
GREEN / YELLOW

8P8C

LEADFREE

DESCRIPTION: RJ45, W/ 10/100 TRANSFORMER, W/LED, SHIELDED, SMT TYPE

2.PCB LAYOUT :



DETAIL A
SCALE 2:1

P#	DEFINITION
P1	RIGHT YE+
P2	RIGHT YE-
P3	TD+
P4	TD-
P5	CT
P6	CT
P7	RD+
P8	RD-
P9	NC
P10	GND
P11	LEFT GR-
P12	LEFT GR+

SUGGESTED PCB LAYOUT
(TOP VIEW)
DIMENSIONAL TOLERANCE: .XX ±0.08[0.003]

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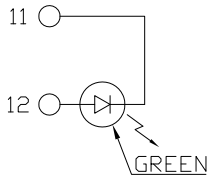
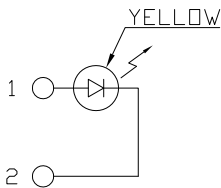
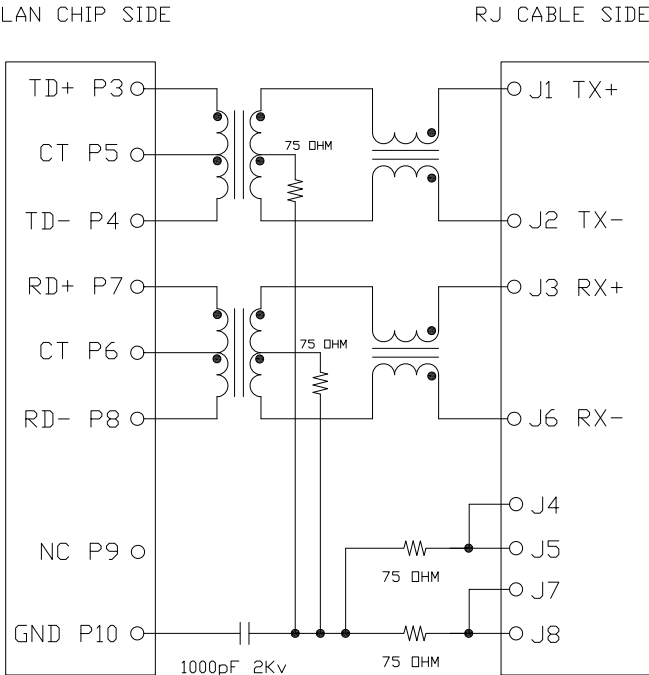
GREEN / YELLOW

EAR+POST

FULL SPRING

DESCRIPTION: RJ45, W/ 10/100 TRANSFORMER, W/LED, SHIELDED, SMT TYPE

3.SCHEMATIC:



4. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25±5°C)

1. TR:
INPUT TO OUTPUT=1:1±3%
2. OCL: (100KHz, 100mV, 8mA, DC Bias)
350uH MINIMUM
3. DCR:
EVERY RJ PAIR=1.2 Ω MAXIMUM
4. INSERTION LOSS:
-1.0dB MAXIMUM AT 0.3MHz TO 100MHz
5. RETURN LOSS:
-20dB MINIMUM AT 1MHz TO 30MHz
-15dB MINIMUM AT 30MHz TO 60MHz
-10dB MINIMUM AT 60MHz TO 80MHz
6. CROSS TALK:
-30dB MINIMUM AT 1MHz TO 100MHz
7. CM TO CM MODE REJECTION:
-30dB MINIMUM AT 1MHz TO 100MHz
8. HIPOT:
INPUT(RJ SIDE) TO SHIELDING:
2250 VDC/60SEC

COLOR	VF(V) @20mA		IV(mcd) @20mA	IF(mA)	PEAK WAVE LENGTH λP(nm) @20mA
	TYP	MAX	TYP	TYP	TYP
YELLOW	2.2	2.6	15	20	588
GREEN	2.2	2.6	10	20	570

6

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UNIT / mm

SCALE 1 : 1

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SIZE A4

PPOJECTION

X.±
.X±
.XX±
.XXX±
ANG±

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8P8C

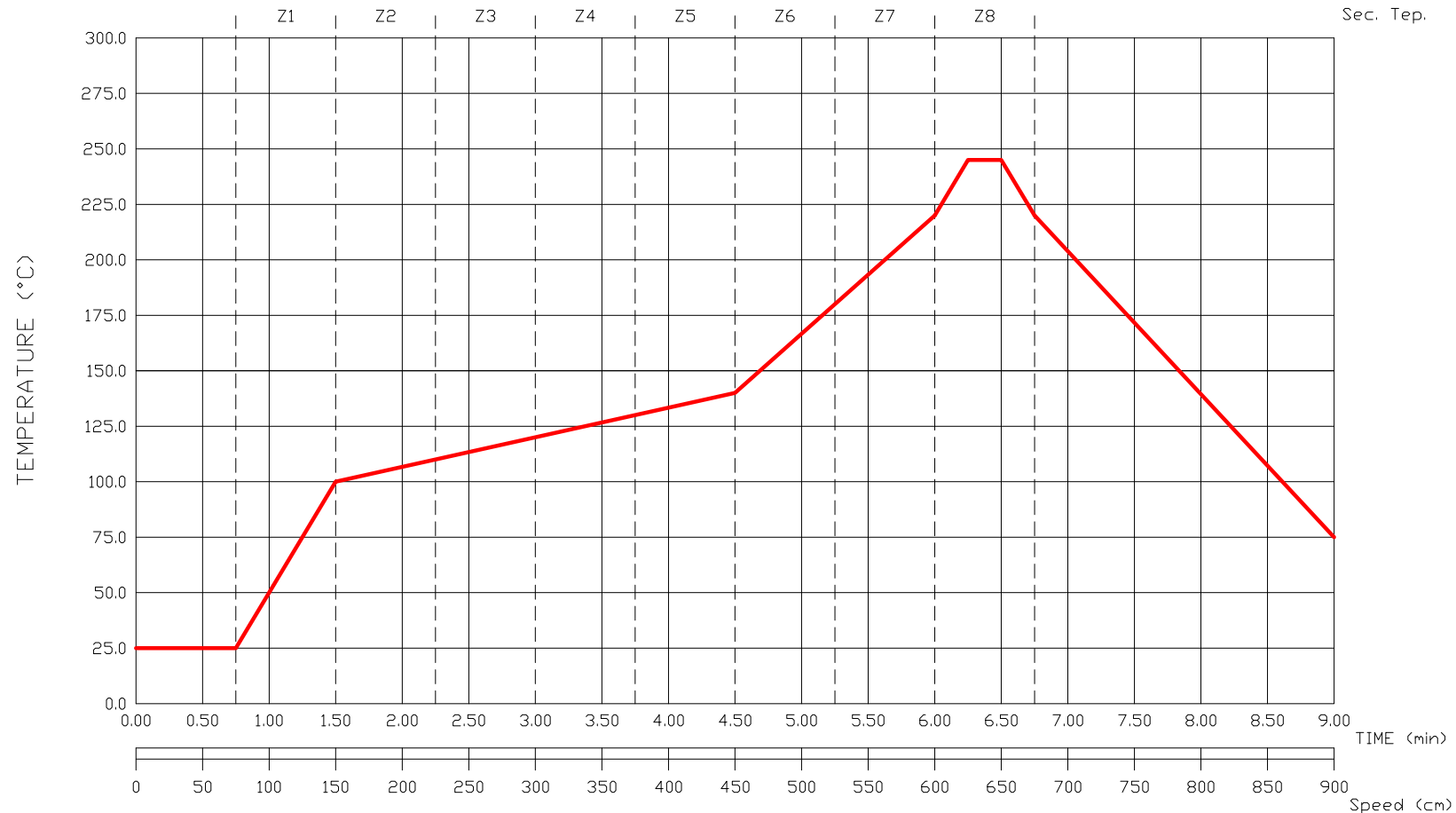
GREEN / YELLOW

LEADFREE

FULL SPRING

DESCRIPTION:RJ45, W/ 10/100 TRANSFORMER, W/LED, SHIELDED, SMT TYPE

5. PROFILE OF REFLOW:



RoHS Compliant

TOLERANCES ARE

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PCB CONNECTORS
Cable ASSEMBLIES

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X. ±
.X ±
.XX ±
.XXX ±
ANG ±

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