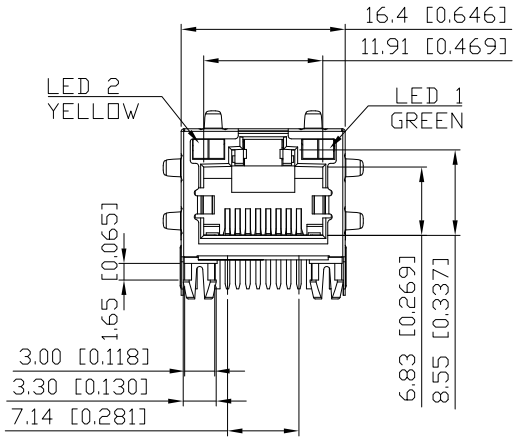
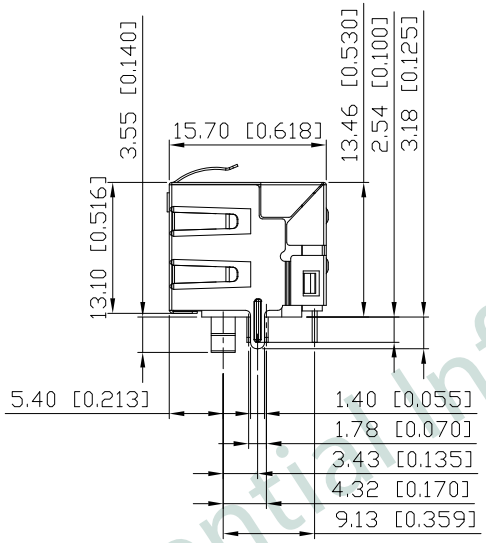
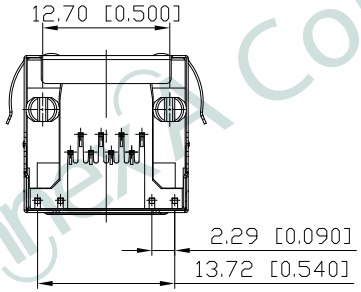
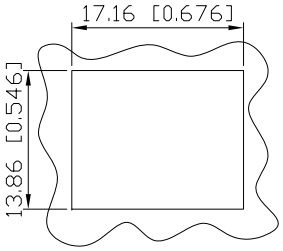
REV.	DATE	DESCRIPTION
01	Nov. 03, '19	1st RELEASE

1. MECHANICAL DIMENSIONS :









RECOMMENDED
PANEL CUTOUT DIMENSION

NOTES:
1. MATERIAL:
   HOUSING: HIGH THERMOPLASTIC, UL94V-0, BLACK
   INSERT: HIGH THERMOPLASTIC, UL94V-0, BLACK
   CONTACTS: T=0.35x0.46mm PHOS-BRONZE,
   GOLD FLASH PLATING ON CONTACT AREA,
   NICKEL UNDERPLATING OVERALL
   SHIELD: T=0.2mm COPPER ALLOY, NICKEL PLATING

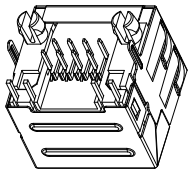
2. OPERATING TEMPERATURE: -40°C~+85°C

3. INSERTION FORCE: 4 POUNDS MAX.
   EXTRACTION 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]



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PART NO	KRM-S-01-8-8-1-GM5-XXX			
TITLE	RJ45 8P8C, W/LED, SHIELDED			
REV : 01				
UNIT	DRAWN	CHKD	DATE	SHEET
mm[inch]	CINDY	VINCENT	Nov. 03, '20	1 of 4

KinnexA, INC. 8F, No. 172, CHENG TEH ROAD SEC. 4, TAIPEI 11167, TAIWAN

Connected by KinnexA

PRELIMINARY RELEASE SUBJECT TO CHANGE

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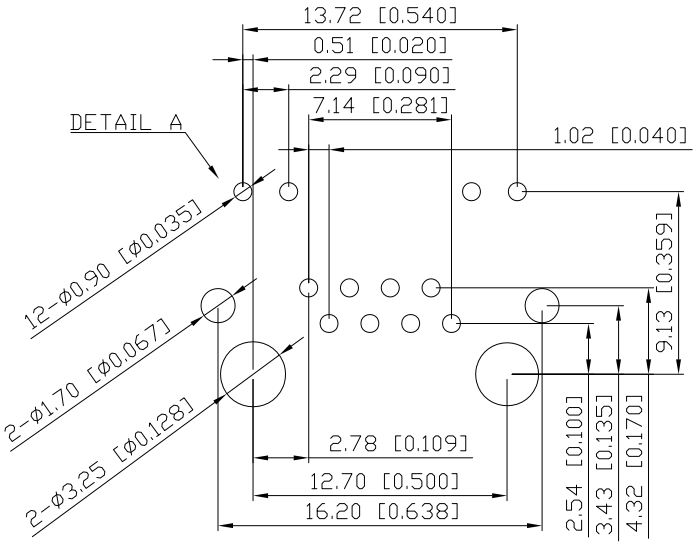
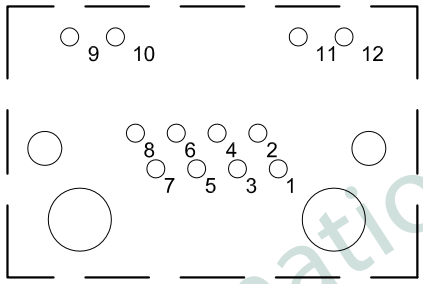
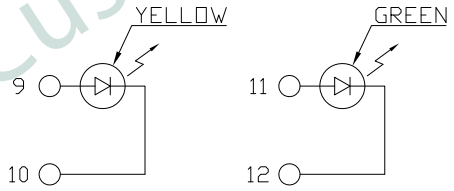
2. PCB LAYOUT :



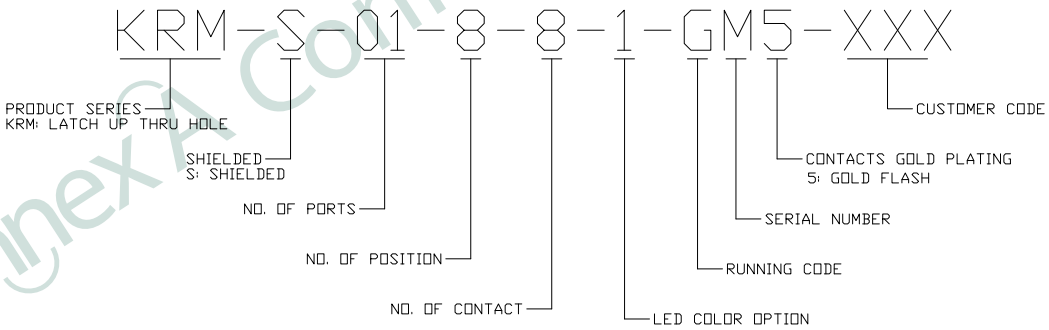
SUGGESTED PCB LAYOUT
(TOP VIEW) SCALE 2:1
DIMENSIONAL TOLERANCE: .XX ±0.08[0.003]



DETAIL A



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



PART NO	KRM-S-01-8-8-1-GM5-XXX			
TITLE	RJ45 8P8C, W/LED, SHIELDED			
REV : 01				
UNIT	DRAWN	CHKD	DATE	SHEET
mm[inch]	CINDY	VINCENT	Nov. 03, '20	2 of 4

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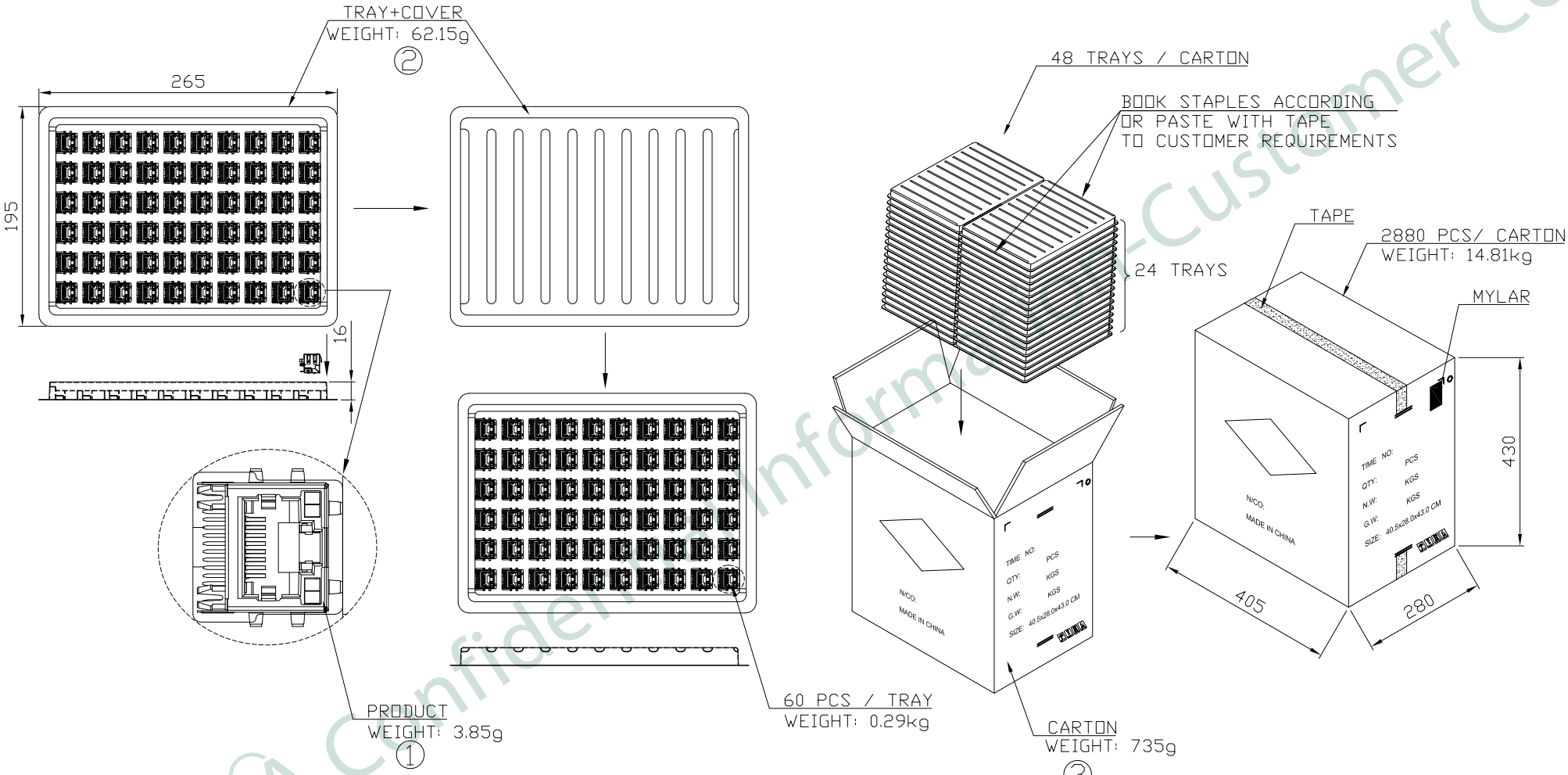
3. MECHANICAL DIMENSIONS :



NO.	DEFINITION	PIECE WEIGHT
1	PRODUCT	3.85g
2	TRAY&COVER	62.15g
3	CARTON	735g

PART NO	KRM-S-01-8-8-1-GM5-XXX			
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UNIT	DRAWN	CHKD	DATE	SHEET
mm[inch]	CINDY	VINCENT	Nov. 03, '20	3 of 4

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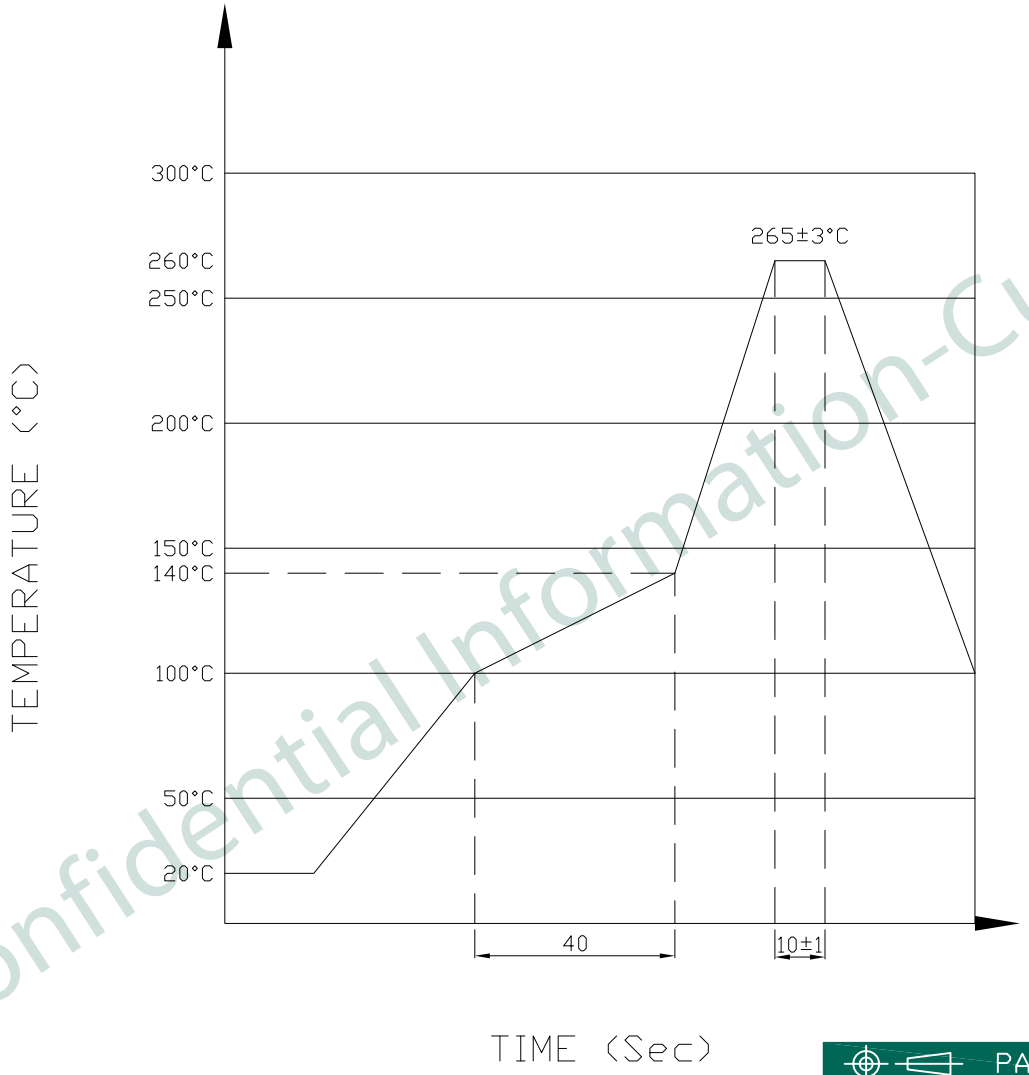
4. PROFILE OF WAVE SOLDER :



The measuring point for the specified temperature shall be on the soldered part of the lead

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PART NO	KRM-S-01-8-8-1-GM5-XXX			
TITLE	RJ45 8P8C, W/LED, SHIELDED			
REV : 01				
UNIT	DRAWN	CHKD	DATE	SHEET
mm[inch]	CINDY	VINCENT	Nov. 03, '20	4 of 4

KinnexA, INC. 8F, No. 172, CHENG TEH ROAD SEC. 4, TAIPEI 11167, TAIWAN

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