

4

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2

1

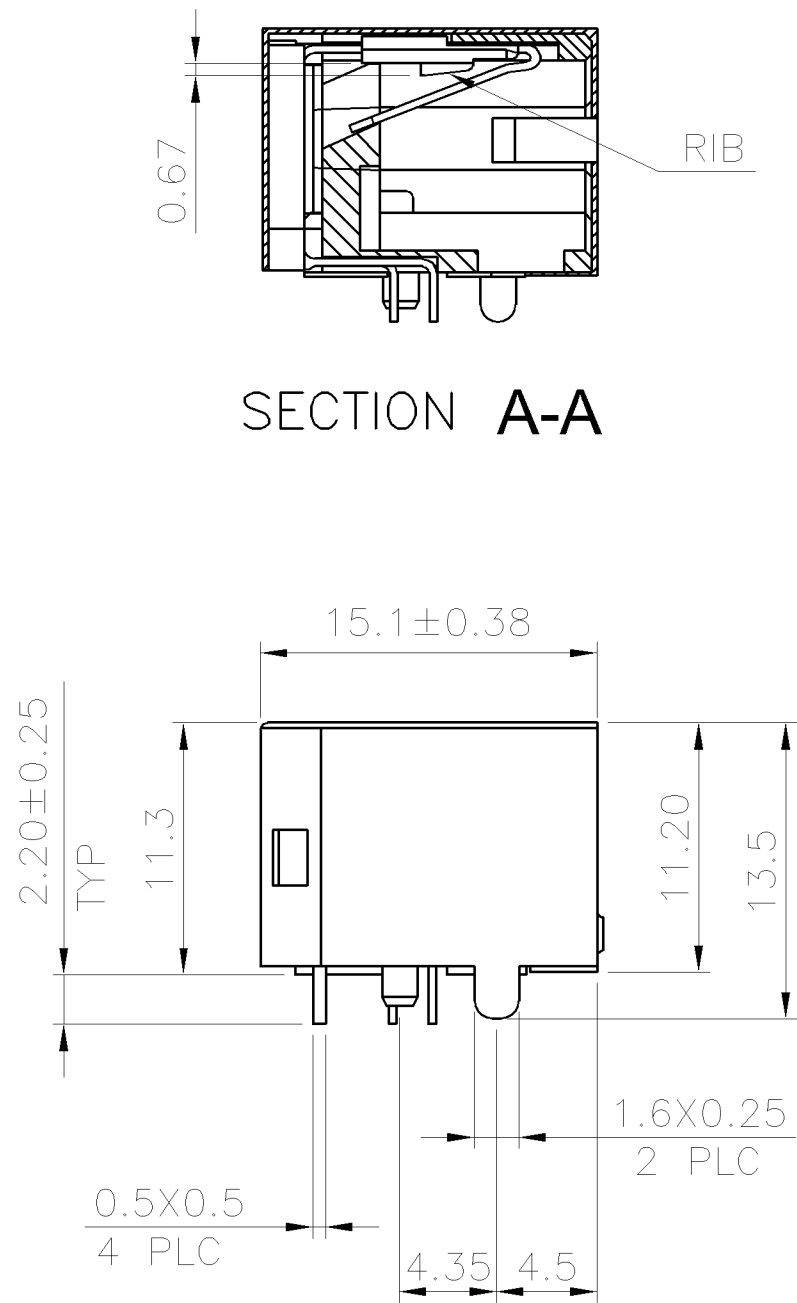
LOC	DIST	REVISIONS				
DW	—	P	LTR	DESCRIPTION	DATE	APVD
			A	ECR-07-028576	14DEC07	WK

D

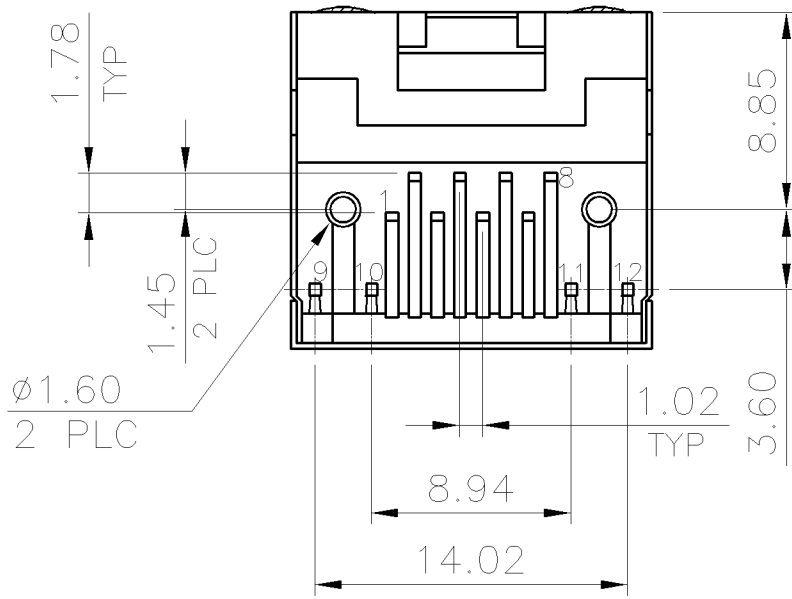
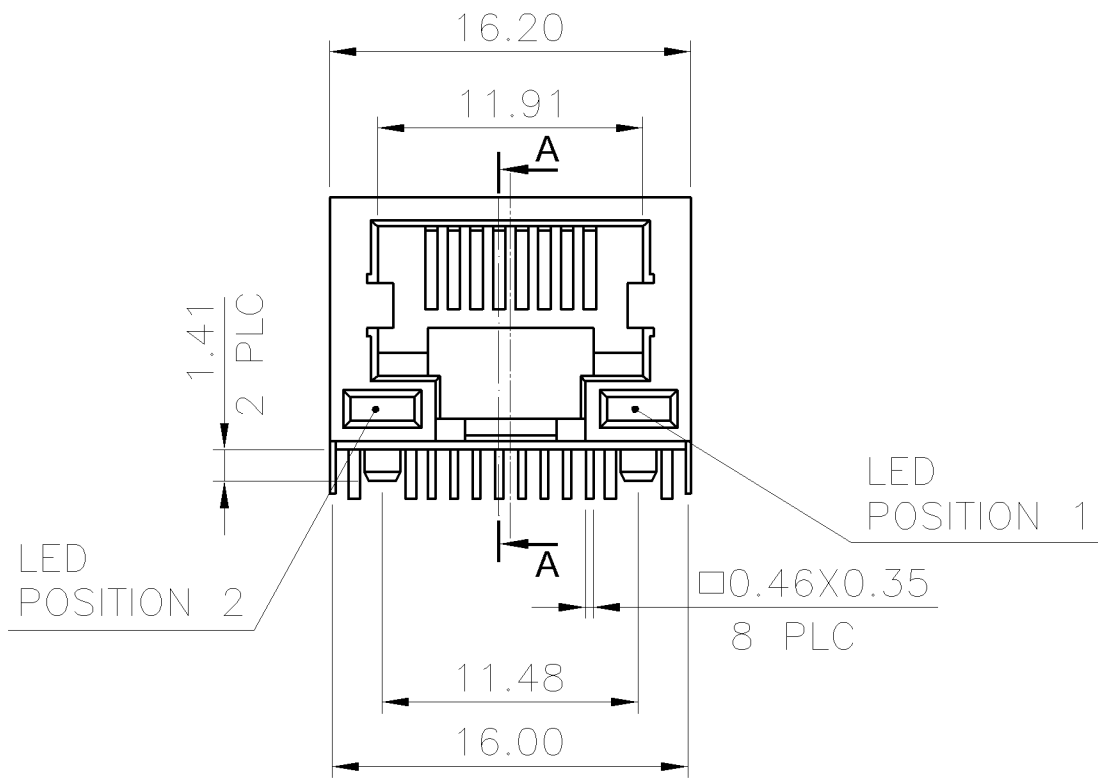
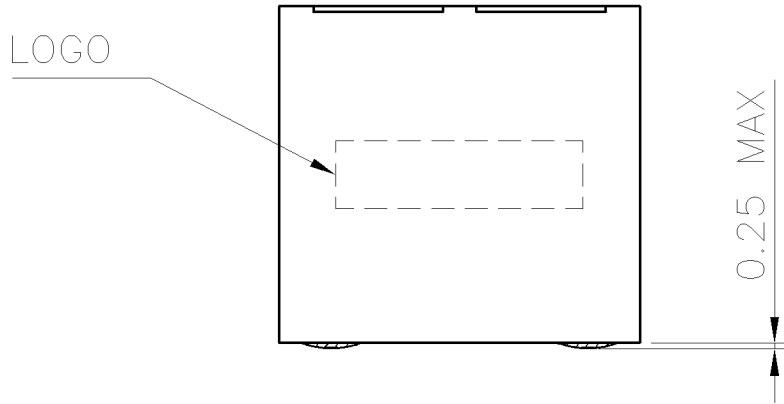
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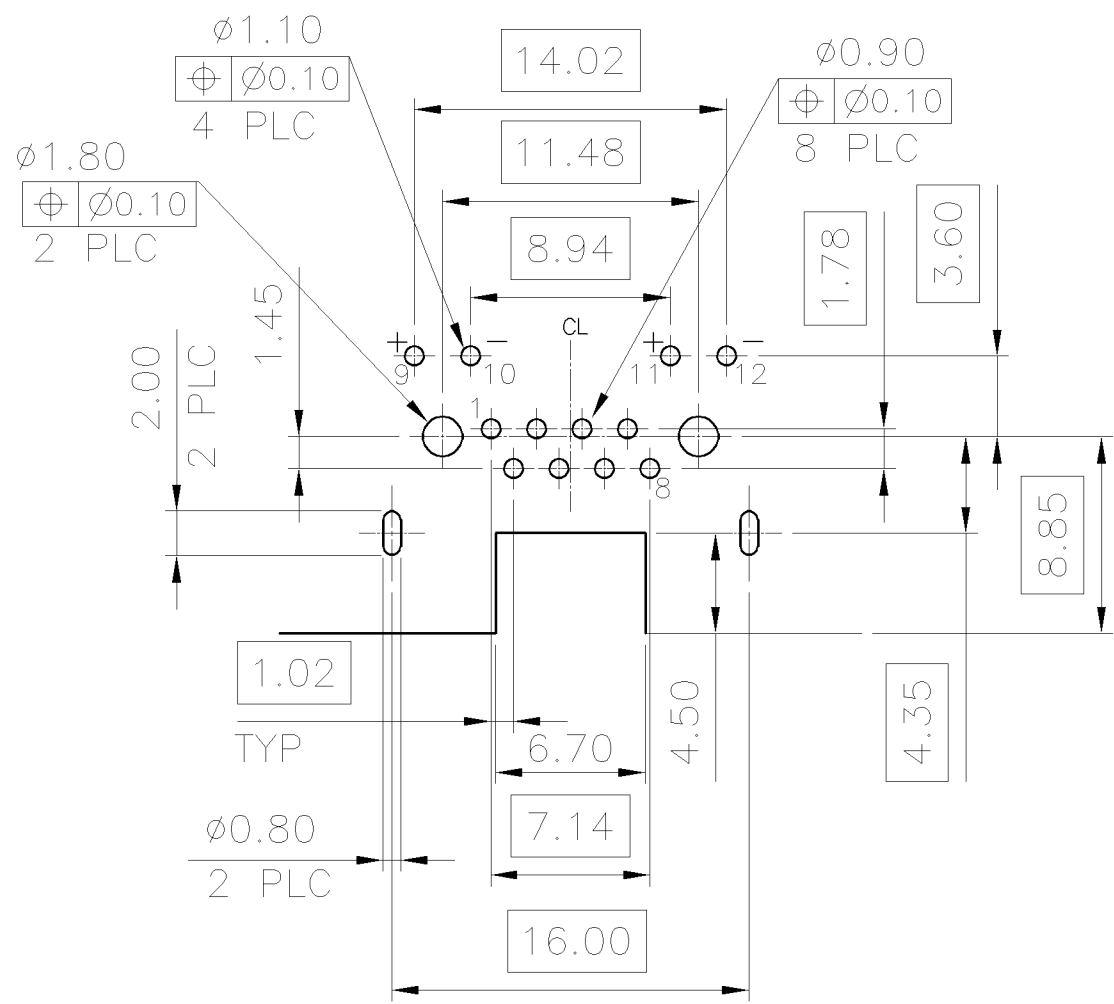
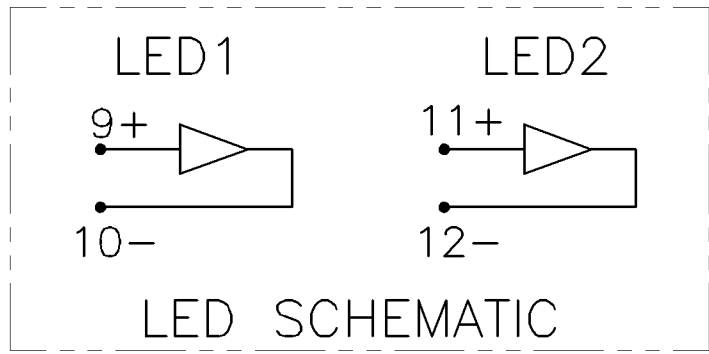
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SECTION A-A

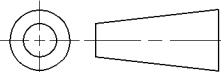


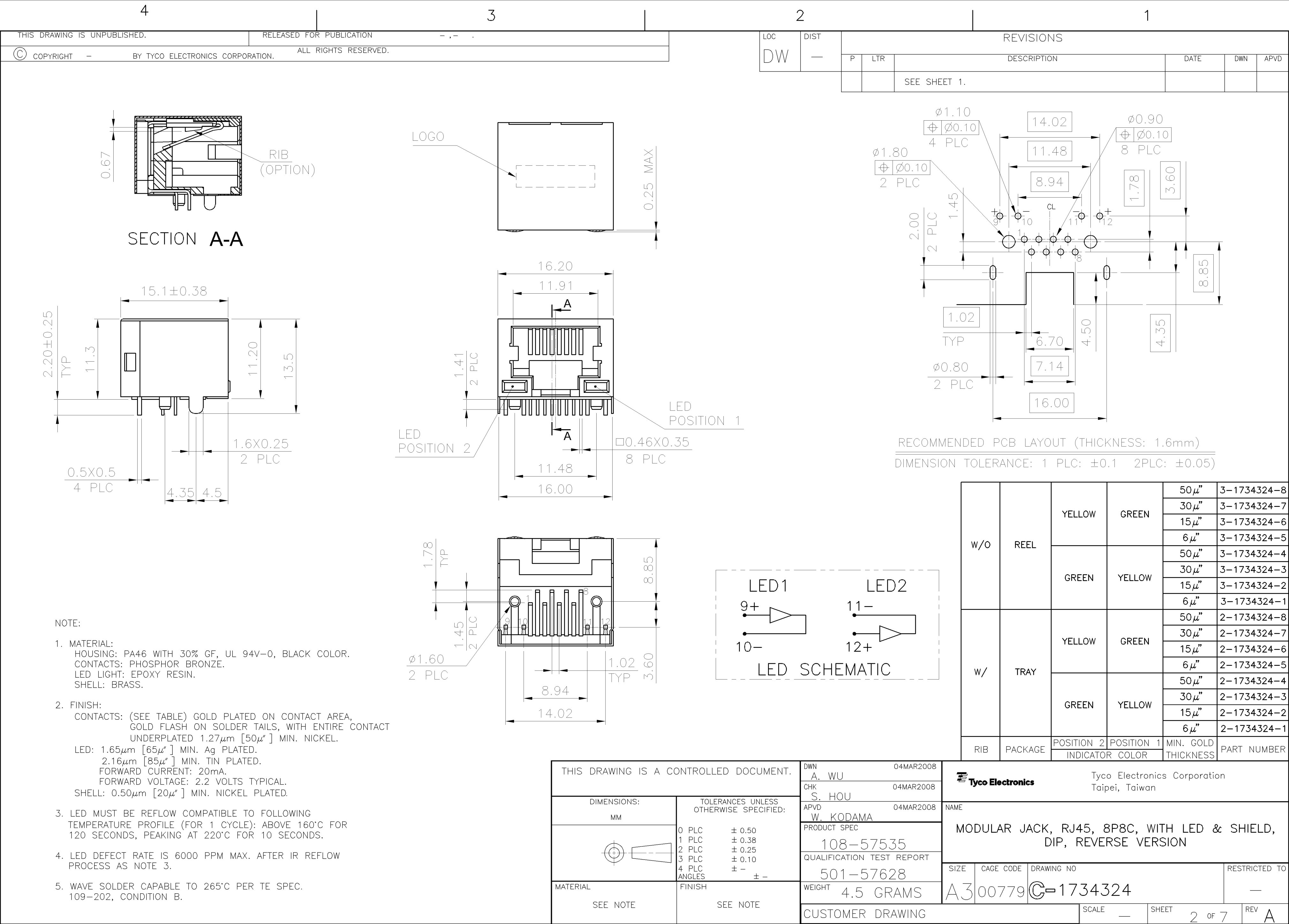
- NOTE:
- MATERIAL:
HOUSING: PA46 WITH 30% GF, UL 94V-0, BLACK COLOR.
CONTACTS: PHOSPHOR BRONZE.
LED LIGHT: EPOXY RESIN.
SHELL: BRASS.
 - FINISH:
CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA, GOLD FLASH ON SOLDER TAILS, WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL.
LED: 1.65μm [65μ"] MIN. Ag PLATED.
2.16μm [85μ"] MIN. TIN PLATED.
FORWARD CURRENT: 20mA.
FORWARD VOLTAGE: 2.2 VOLTS TYPICAL.
SHELL: 0.50μm [20μ"] MIN. NICKEL PLATED.
 - LED MUST BE REFLOW COMPATIBLE TO FOLLOWING TEMPERATURE PROFILE (FOR 1 CYCLE): ABOVE 160°C FOR 120 SECONDS, PEAKING AT 220°C FOR 10 SECONDS.
 - LED DEFECT RATE IS 6000 PPM MAX. AFTER IR REFLOW PROCESS AS NOTE 3.
 - WAVE SOLDER CAPABLE TO 265°C PER TE SPEC. 109-202, CONDITION B.



RECOMMENDED PCB LAYOUT (THICKNESS: 1.6mm)
DIMENSION TOLERANCE: 1 PLC: ±0.1 2PLC: ±0.05)

REEL	YELLOW	GREEN	50μ”	1-1734324-8
			30μ”	1-1734324-7
			15μ”	1-1734324-6
			6μ”	1-1734324-5
	GREEN	YELLOW	50μ”	1-1734324-4
			30μ”	1-1734324-3
			15μ”	1-1734324-2
			6μ”	1-1734324-1
TRAY	YELLOW	GREEN	50μ”	1734324-8
			30μ”	1734324-7
			15μ”	1734324-6
			6μ”	1734324-5
	GREEN	YELLOW	50μ”	1734324-4
			30μ”	1734324-3
			15μ”	1734324-2
			6μ”	1734324-1
PACKAGE	POSITION 2	POSITION 1	MIN. GOLD THICKNESS	PART NUMBER
	INDICATOR COLOR			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. WU 04MAR2008		 Tyco Electronics Corporation Taipei, Taiwan			
		CHK S. HOU 04MAR2008					
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
		APVD W. KODAMA 04MAR2008		MODULAR JACK, RJ45, 8P8C, WITH LED & SHIELD, DIP, REVERSE VERSION			
		PRODUCT SPEC 108-57535					
		QUALIFICATION TEST REPORT 501-57628					
MATERIAL SEE NOTE		FINISH SEE NOTE		SIZE A3	CAGE CODE 00779	DRAWING NO C=1734324	RESTRICTED TO —
				WEIGHT 4.5 GRAMS			
CUSTOMER DRAWING				SCALE —	SHEET 1 OF 7	REV A	



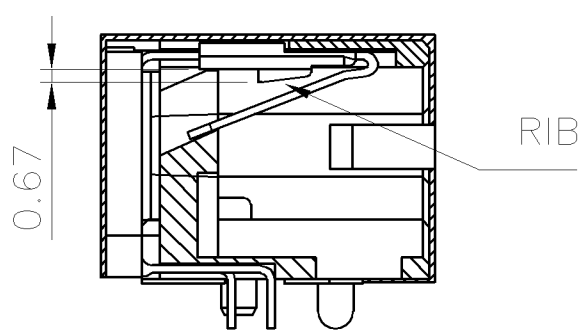
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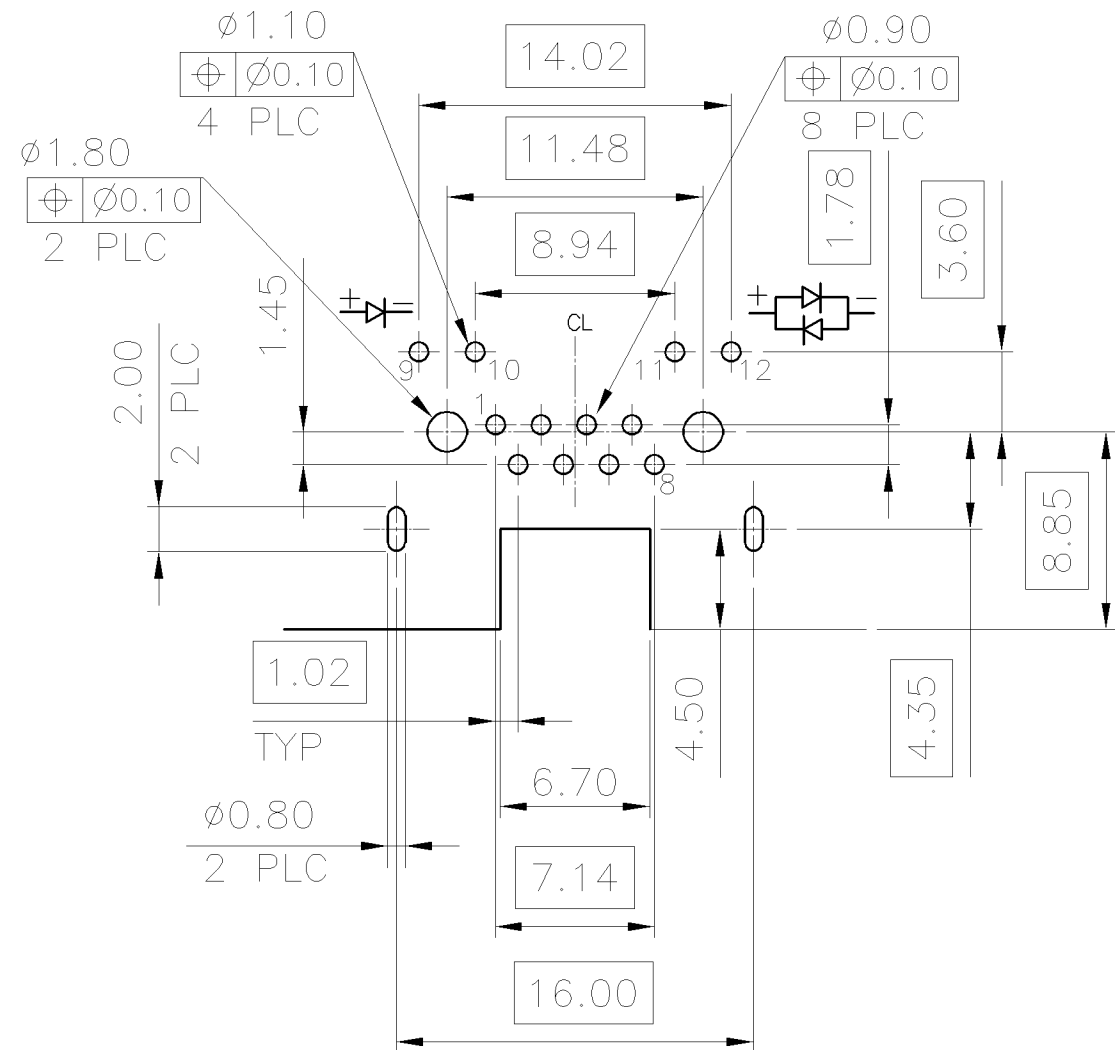
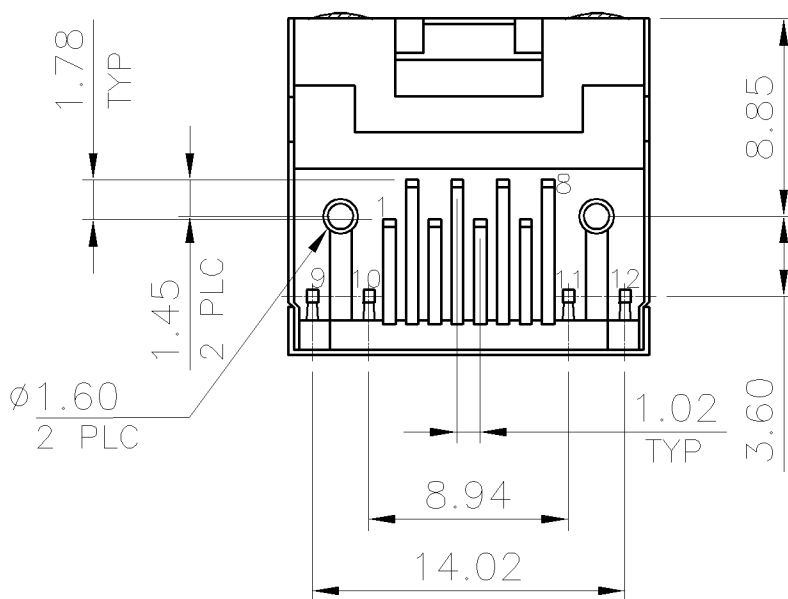
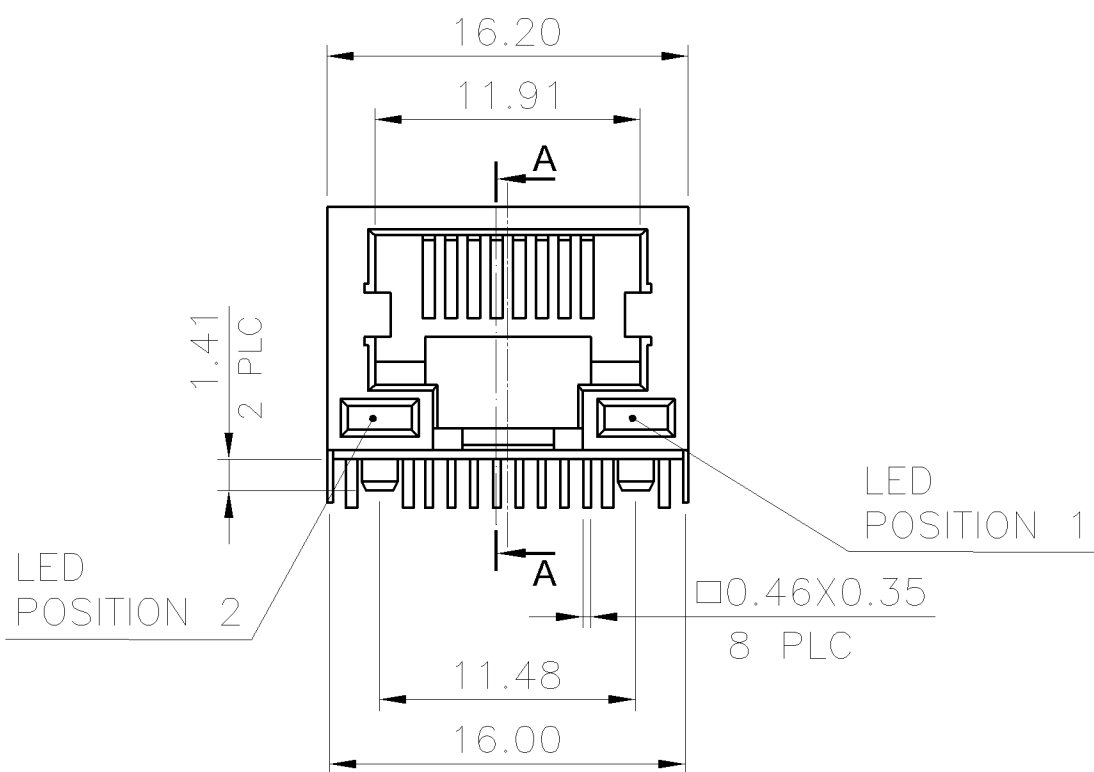
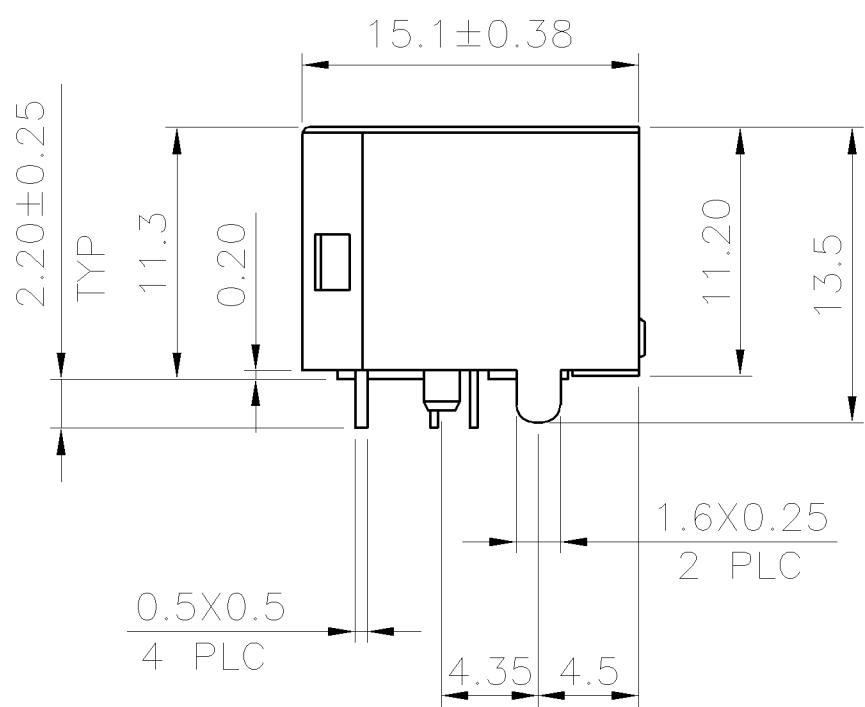
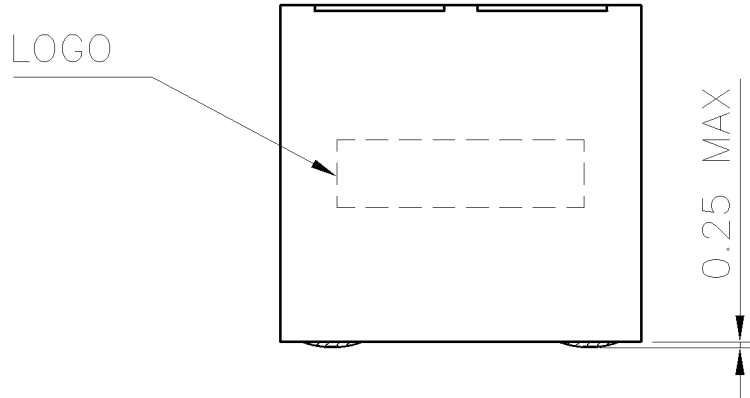
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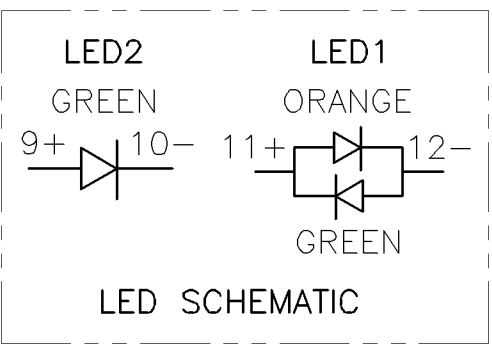
LOC	DIST	REVISIONS				
DW	—	P	LTR	DESCRIPTION	DATE	APVD
				SEE SHEET 1.		



SECTION A-A



RECOMMENDED PCB LAYOUT (THICKNESS: 1.6mm)
DIMENSION TOLERANCE: 1 PLC: ±0.1 2PLC: ±0.05)



- NOTE:
- MATERIAL:
HOUSING: PA46 WITH 30% GF, UL 94V-0, BLACK COLOR.
CONTACTS: PHOSPHOR BRONZE.
LED LIGHT: EPOXY RESIN.
SHELL: BRASS.
 - FINISH:
CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA, GOLD FLASH ON SOLDER TAILS, WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL.
LED: 1.65μm [65μ"] MIN. Ag PLATED.
2.16μm [85μ"] MIN. TIN PLATED.
FORWARD CURRENT: 20mA.
FORWARD VOLTAGE: 2.2 VOLTS TYPICAL.
SHELL: 0.50μm [20μ"] MIN. NICKEL PLATED.
 - LED MUST BE REFLOW COMPATIBLE TO FOLLOWING TEMPERATURE PROFILE (FOR 1 CYCLE): ABOVE 160°C FOR 120 SECONDS, PEAKING AT 220°C FOR 10 SECONDS.
 - LED DEFECT RATE IS 6000 PPM MAX. AFTER IR REFLOW PROCESS AS NOTE 3.
 - WAVE SOLDER CAPABLE TO 265°C PER TE SPEC. 109-202, CONDITION B.

TRAY	GREEN	ORANGE & GREEN	50μ"	4-1734324-4
			30μ"	4-1734324-3
			15μ"	4-1734324-2
			6μ"	4-1734324-1
PACKAGE	POSITION 2	POSITION 1	MIN. GOLD THICKNESS	PART NUMBER
	INDICATOR	COLOR		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. WU	04MAR2008	Tyco Electronics Corporation Taipei, Taiwan	
		CHK S. HOU	04MAR2008		
		APVD W. KODAMA	04MAR2008	NAME	
		PRODUCT SPEC		MODULAR JACK, RJ45, 8P8C, WITH LED & SHIELD, DIP, REVERSE VERSION	
		108-57535			
		QUALIFICATION TEST REPORT			
		501-57628			
		WEIGHT	4.5 GRAMS		
		CUSTOMER DRAWING			
		SCALE	—		
		SHEET	3 OF 7		
		REV	A		

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LOC

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REVISIONS

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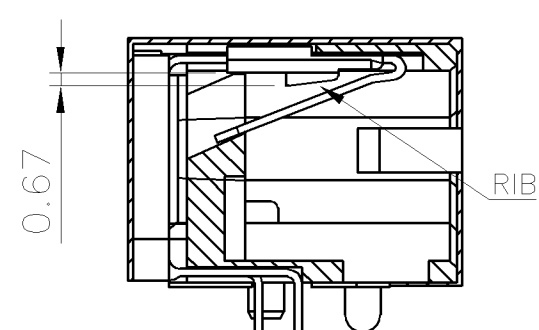
DESCRIPTION

DATE _____

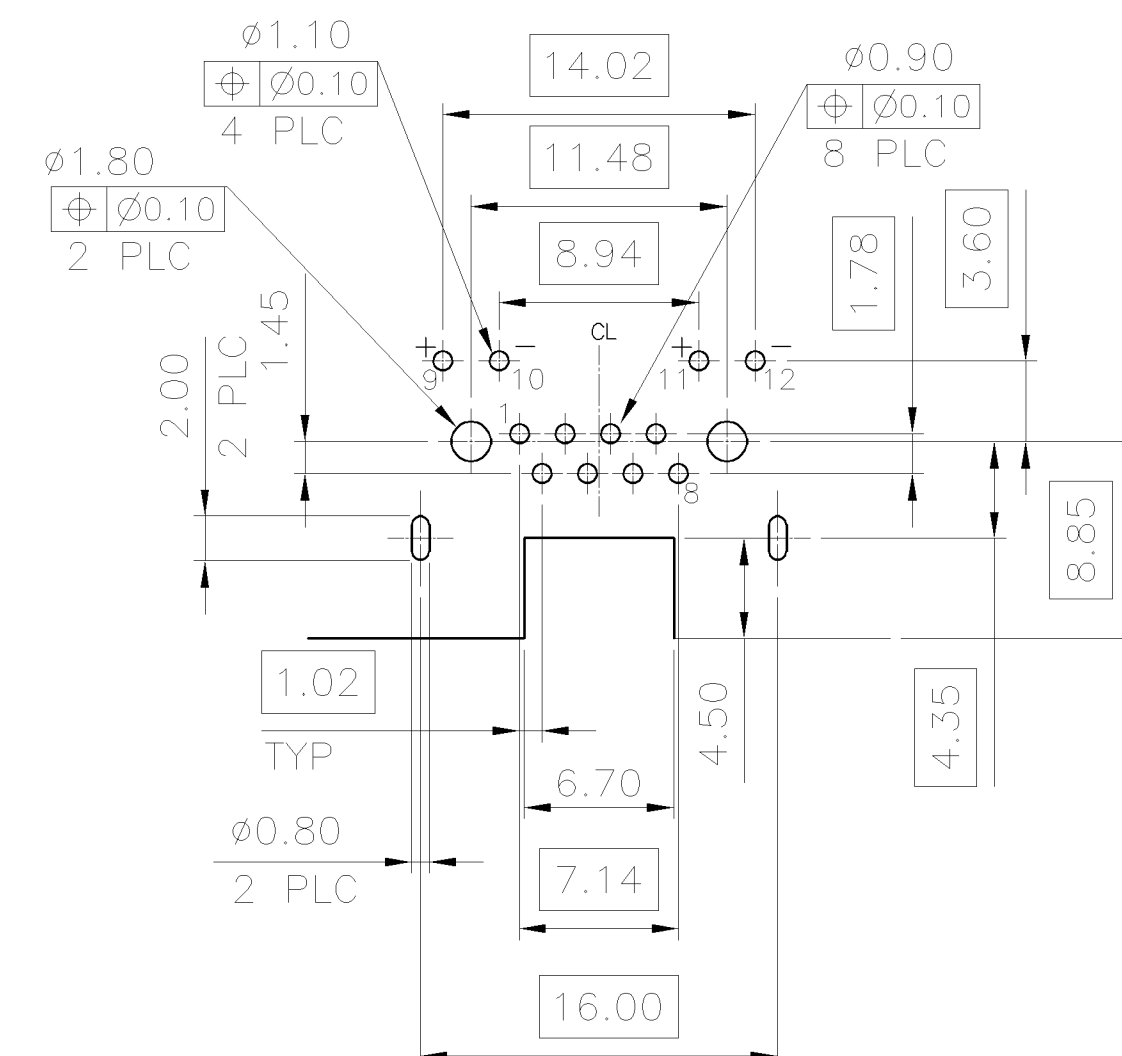
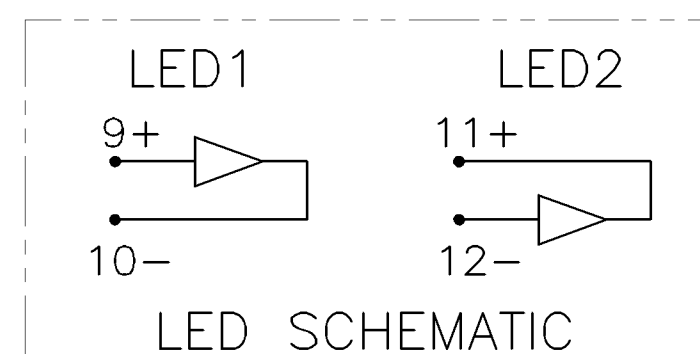
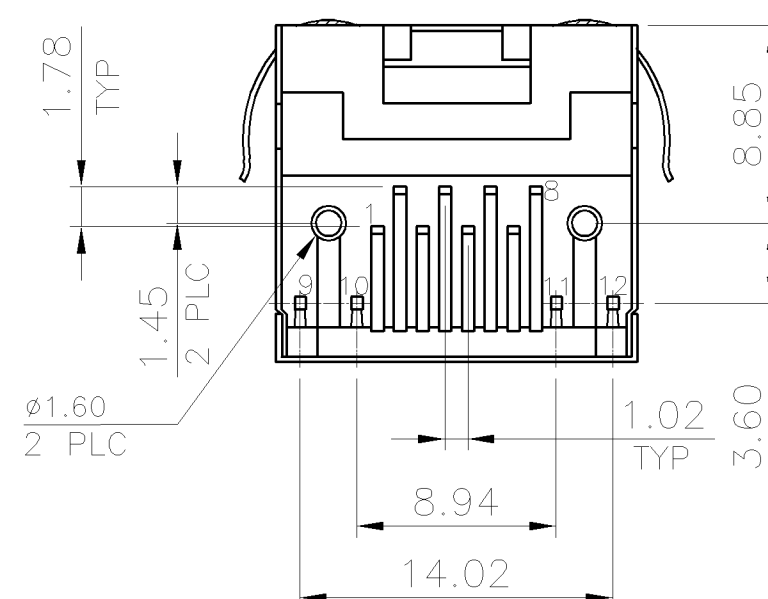
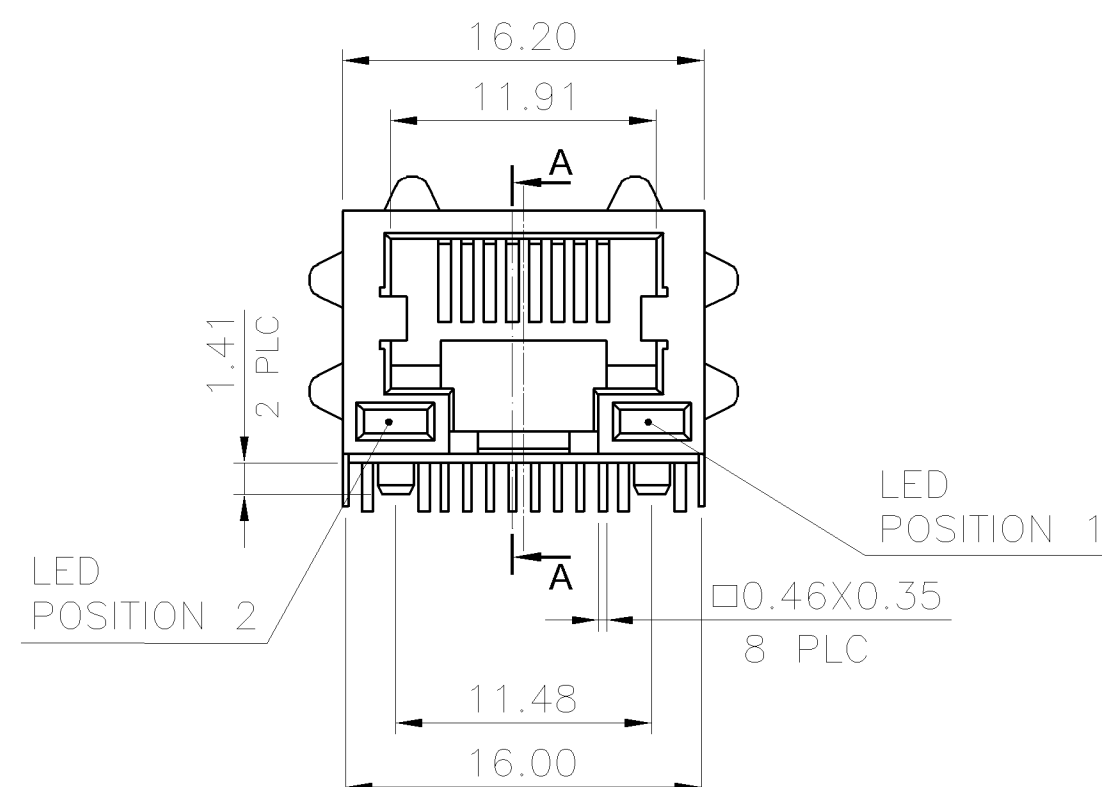
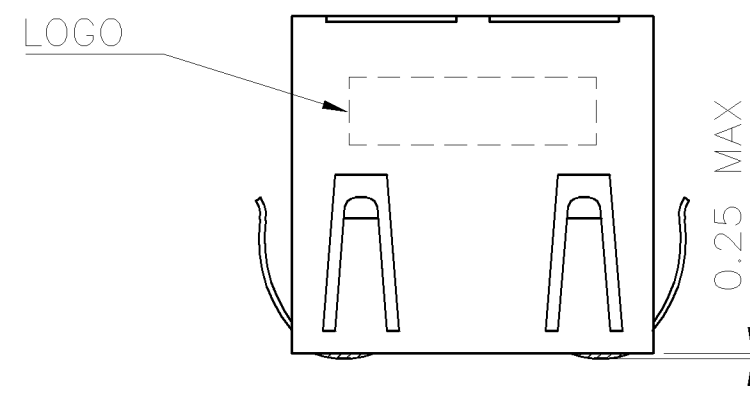
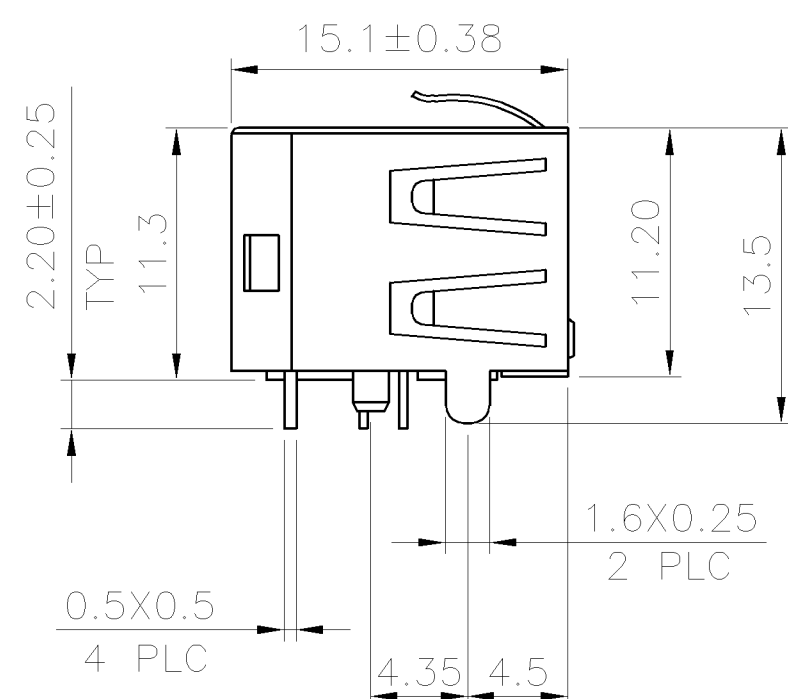
DWN

APVD

SEE SHEET 1.



SECTION A-A



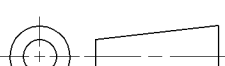
RECOMMENDED PCB LAYOUT (THICKNESS: 1.6mm)

DIMENSION TOLERANCE: 1 PLC: ± 0.1 2PLC: ± 0.05)

NOTE:

1. MATERIAL:
HOUSING: PA46 WITH 30% GF, UL 94V-0, BLACK COLOR.
CONTACTS: PHOSPHOR BRONZE.
LED LIGHT: EPOXY RESIN.
SHELL: BRASS.
2. FINISH:
CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA,
GOLD FLASH ON SOLDER TAILS, WITH ENTIRE CONTACT
UNDERPLATED $1.27\mu\text{m}$ [$50\mu''$] MIN. NICKEL.
LED: $1.65\mu\text{m}$ [$65\mu''$] MIN. Ag PLATED.
 $2.16\mu\text{m}$ [$85\mu''$] MIN. TIN PLATED.
FORWARD CURRENT: 20mA.
FORWARD VOLTAGE: 2.2 VOLTS TYPICAL.
SHELL: $0.50\mu\text{m}$ [$20\mu''$] MIN. NICKEL PLATED.
3. LED MUST BE REFLOW COMPATIBLE TO FOLLOWING
TEMPERATURE PROFILE (FOR 1 CYCLE): ABOVE 160°C FOR
120 SECONDS, PEAKING AT 220°C FOR 10 SECONDS.
4. LED DEFECT RATE IS 6000 PPM MAX. AFTER IR REFLOW
PROCESS AS NOTE 3.
5. WAVE SOLDER CAPABLE TO 265°C PER TE SPEC.
109-202, CONDITION B.

TRAY	YELLOW	GREEN	50 μ "	5-1734324-8
			30 μ "	5-1734324-7
			15 μ "	5-1734324-6
			6 μ "	5-1734324-5
	GREEN	YELLOW	50 μ "	5-1734324-4
			30 μ "	5-1734324-3
			15 μ "	5-1734324-2
			6 μ "	5-1734324-1
PACKAGE	POSITION 2	POSITION 1	MIN. GOLD THICKNESS	PART NUMBER
	INDICATOR	COLOR		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. WU 04MAR2008		Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM		CHK S. HOU 04MAR2008		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W. KODAMA 04MAR2008		MODULAR JACK, RJ45, 8P8C, WITH LED & SHIELD, DIP, REVERSE VERSION	
		PRODUCT SPEC 108-57535		QUALIFICATION TEST REPORT	
0 PLC ± 0.50 1 PLC ± 0.38 2 PLC ± 0.25 3 PLC ± 0.10 4 PLC ± - ANGLES ± -		501-57628		RESTRICTED TO	
MATERIAL SEE NOTE		FINISH SEE NOTE		SIZE A3	
		WEIGHT 4.5 GRAMS		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C-1734324	
				SCALE —	
				SHEET 4 OF 7	
				REV A	

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LOC

DIST

REVISIONS

DW

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LTR

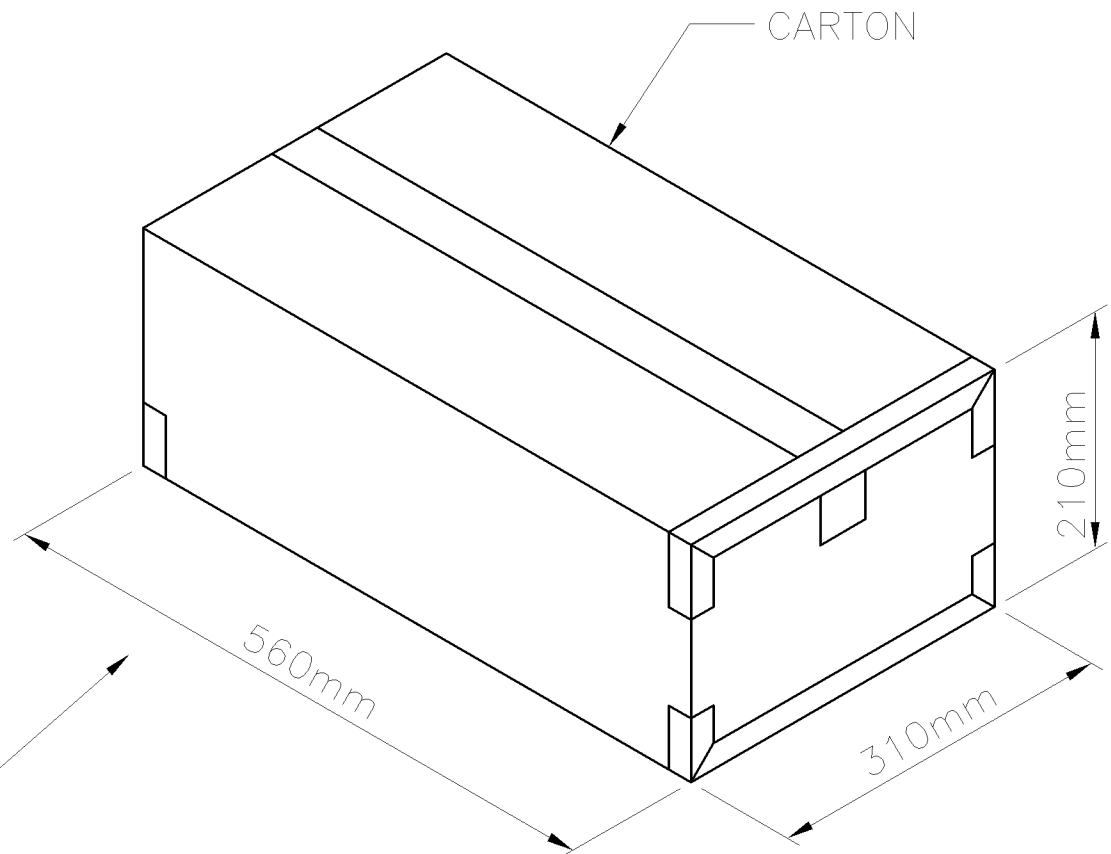
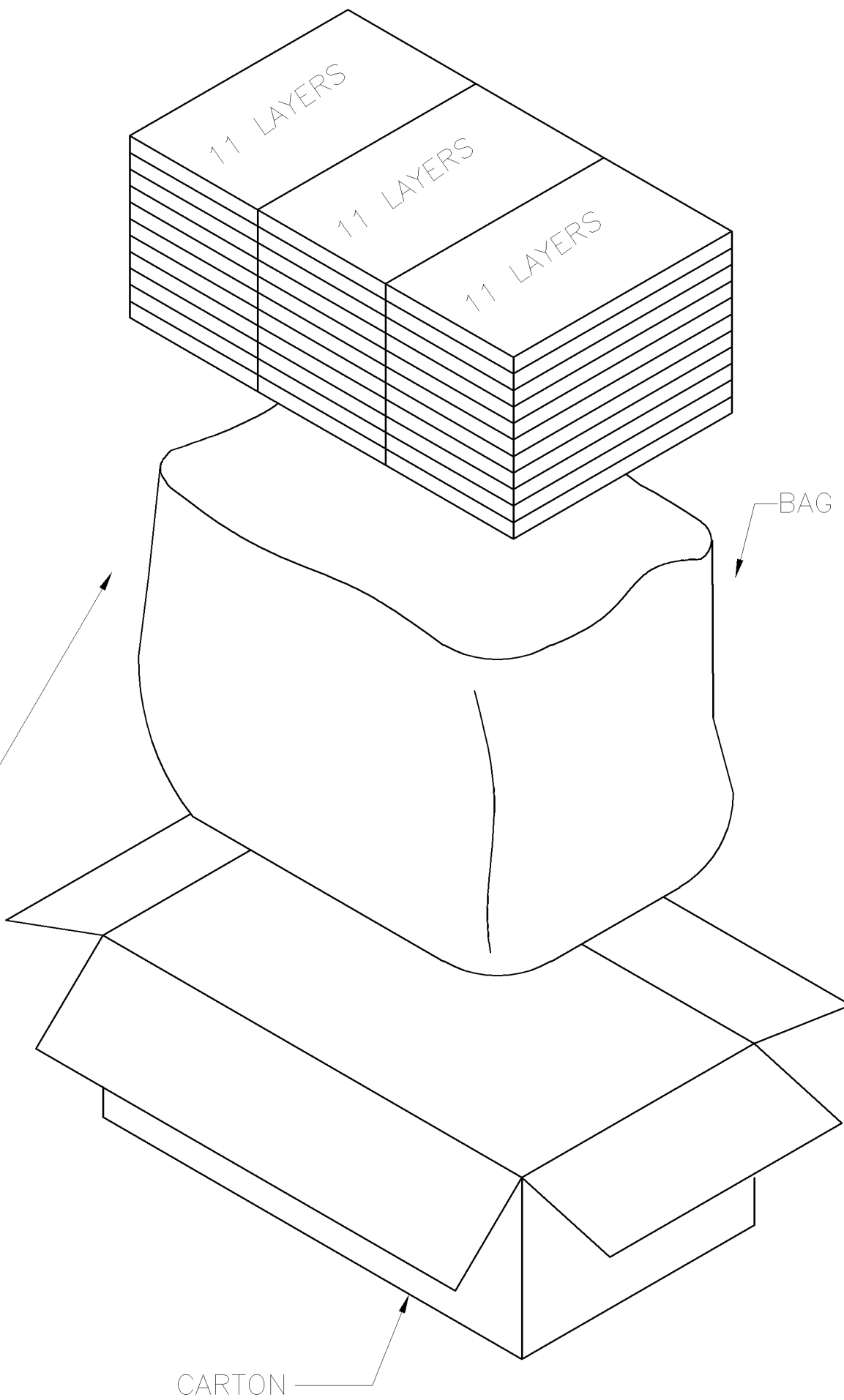
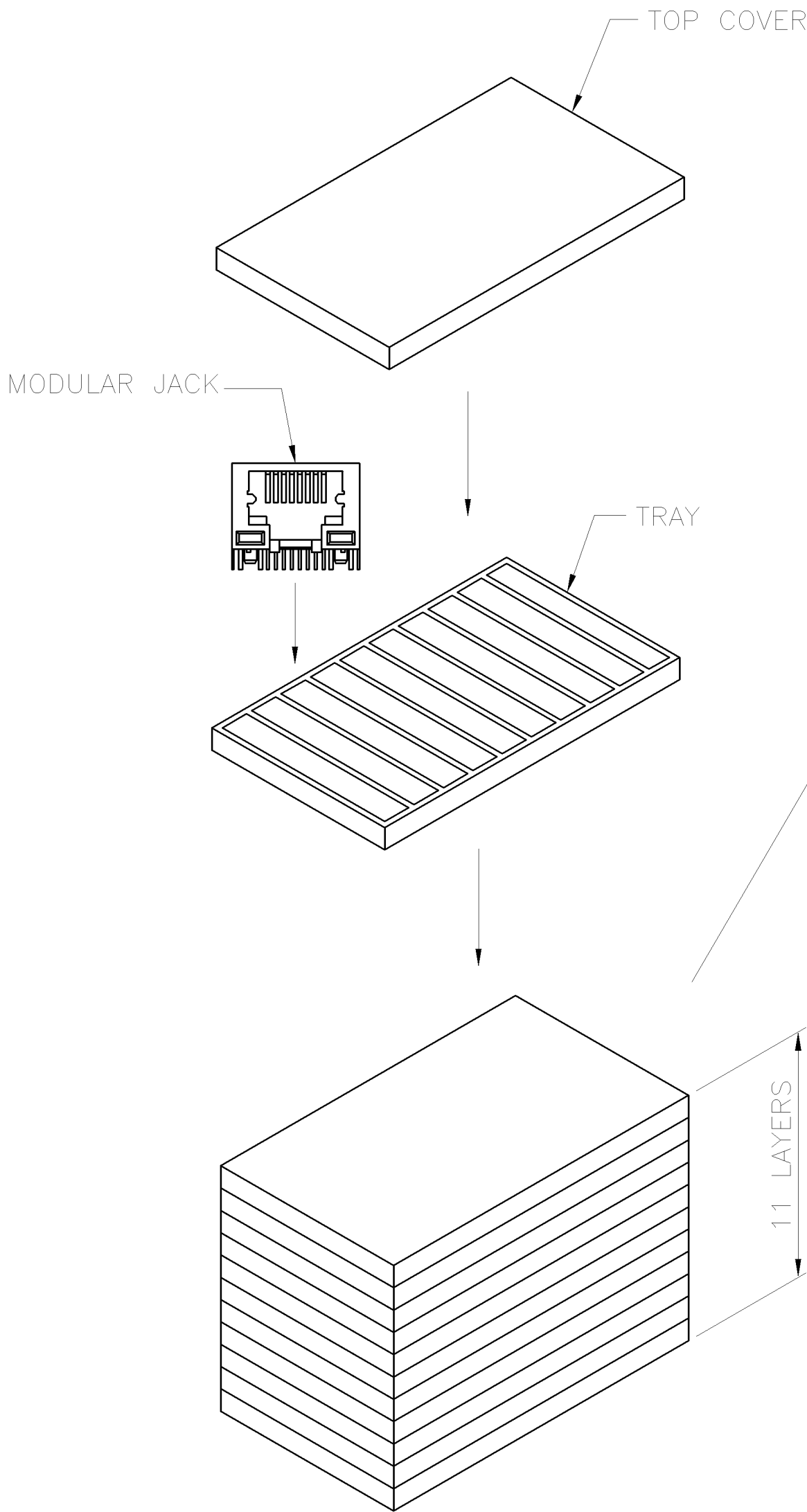
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DATE

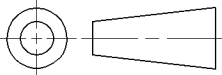
DWN

APVD

SEE SHEET 1.



13 Kg	12 Kg	2640	80	5-1734324-X
				6-1734324-X
14.5 Kg	13.5 Kg	2970	90	4-1734324-X
				2-1734324-X
				1-1734324-X
				1734324-X
GROSS WEIGHT	NET WEIGHT	PCS/CARTON	PCS/TRAY	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. WU 04MAR2008	 Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM		CHK S. HOU 04MAR2008		
		APVD W. KODAMA 04MAR2008	NAME MODULAR JACK, RJ45, 8P8C, WITH LED & SHIELD, DIP, REVERSE VERSION	
		PRODUCT SPEC —	SIZE A3	
MATERIAL —		APPLICATION SPEC —	CAGE CODE 00779	DRAWING NO C-1734324
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± — FINISH —		WEIGHT —	RESTRICTED TO —	
CUSTOMER DRAWING			SCALE —	SHEET 6 OF 7
				REV A

4

3

2

1

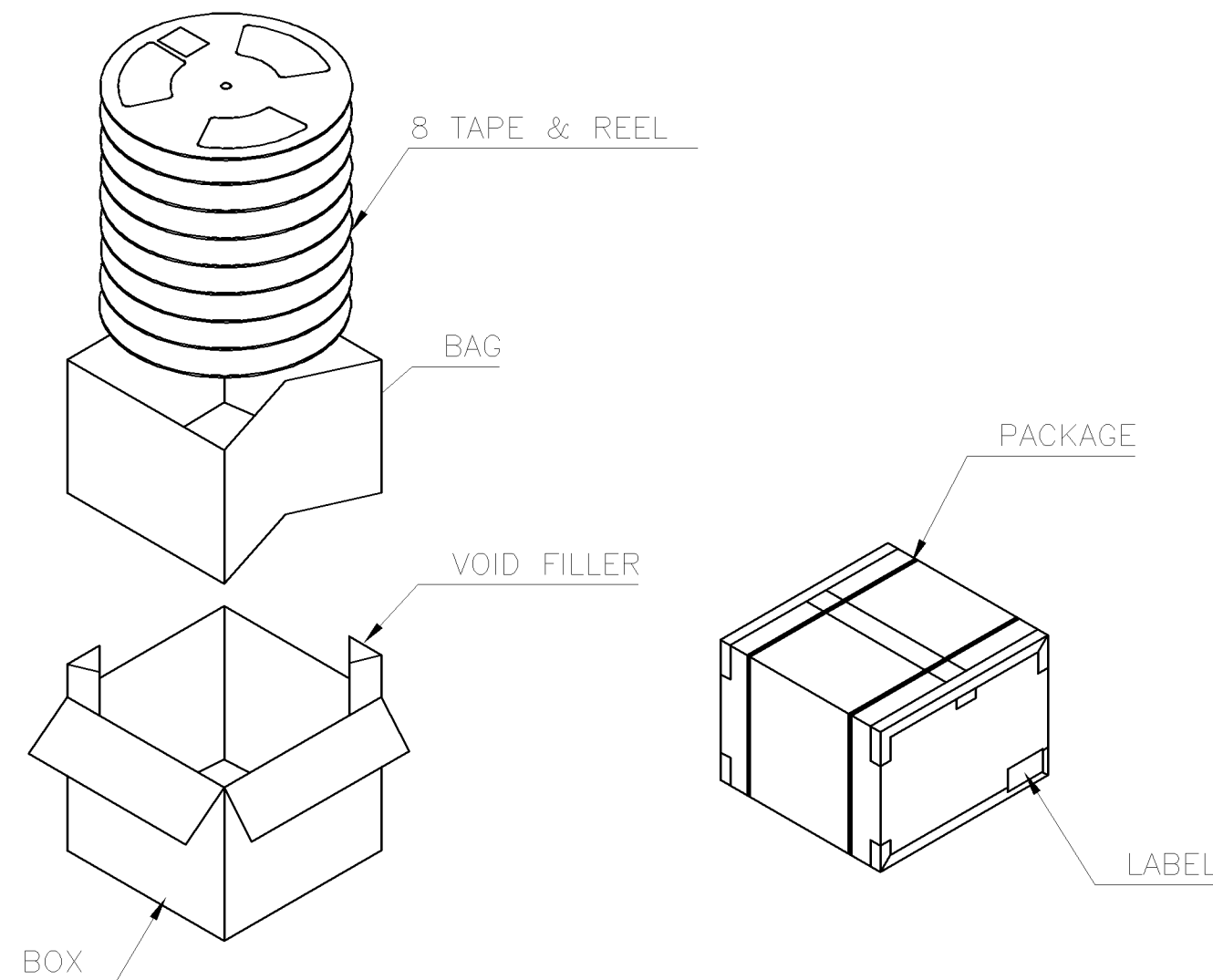
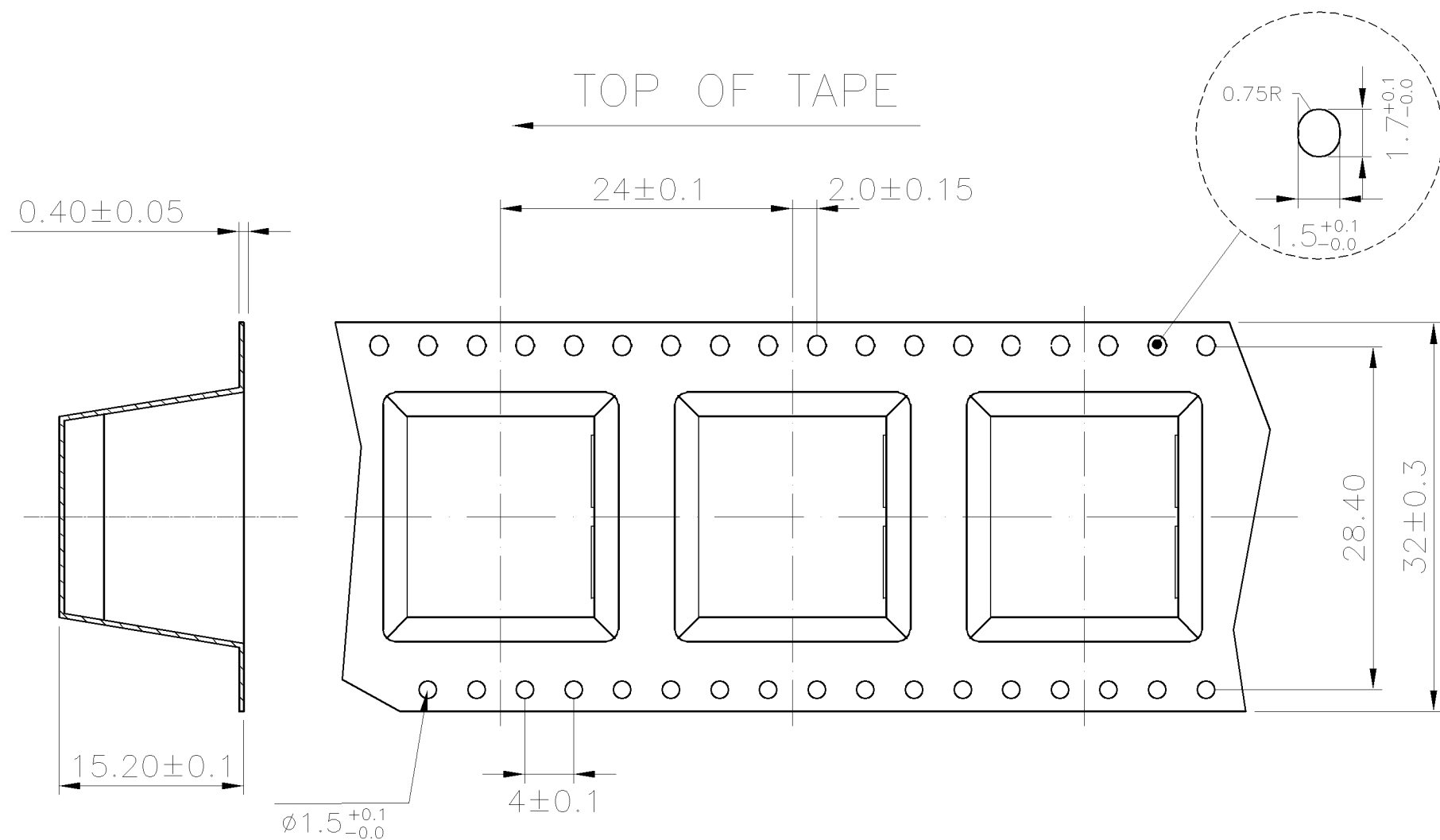
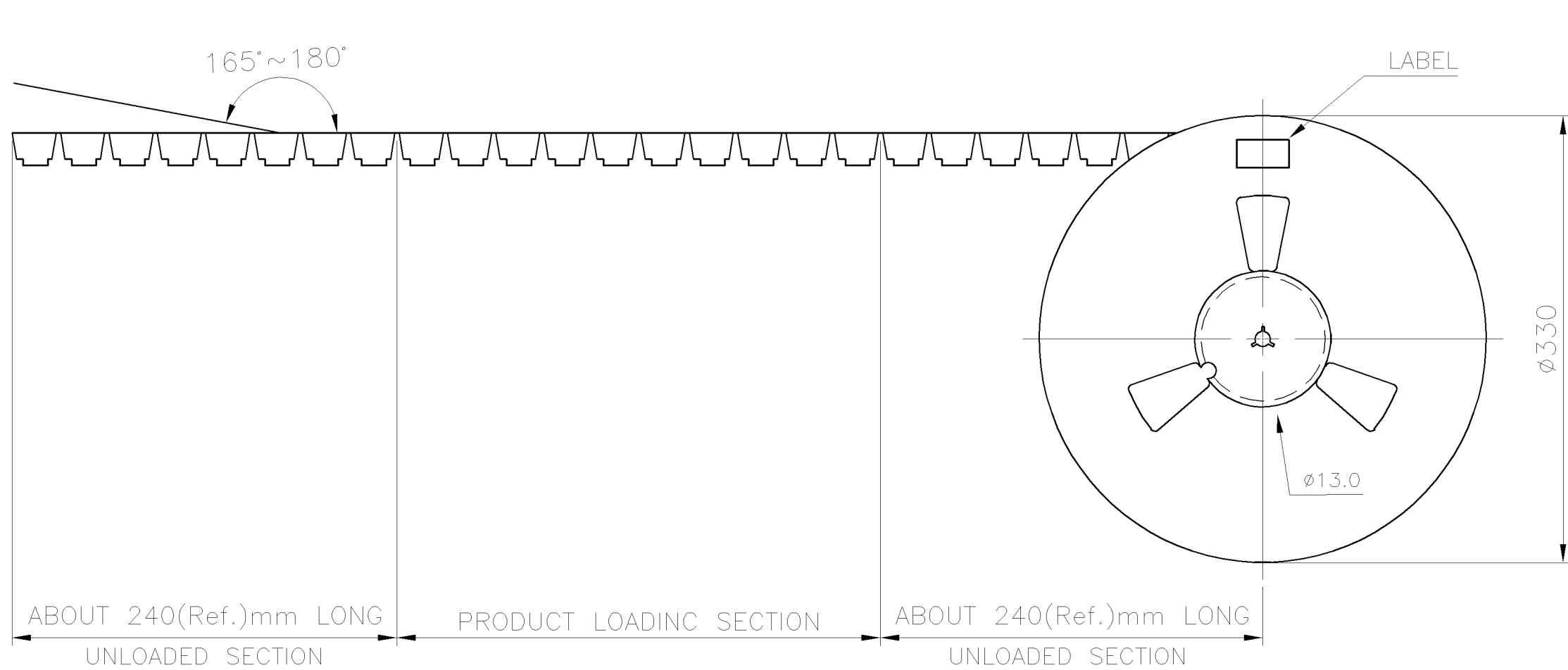
LOC	DIST	REVISIONS					
DW	—	P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1.			

D

C

B

A



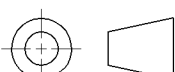
D

C

B

A

8.5 Kg	6.5 Kg	180	8	1440 PCS
GROSS WEIGHT	NET WEIGHT	PCS/REEL	REELS/BOX	QUANTITY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. WU 04MAR2008	 Tyco Electronics Tyco Electronics Corporation Taipei, Taiwan				
DIMENSIONS: MM		CHK S. HOU 04MAR2008					
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —	APVD W. KODAMA 04MAR2008	NAME				
		PRODUCT SPEC —	MODULAR JACK, RJ45, 8P8C, WITH LED & SHIELD, DIP, REVERSE VERSION				
		APPLICATION SPEC —	SIZE A3				
		WEIGHT —	CAGE CODE 00779		DRAWING NO C=1734324		
		RESTRICTED TO —					
MATERIAL —	FINISH —	CUSTOMER DRAWING					
			SCALE —	SHEET 7 of 7		REV A	