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LOC

DW

DIST

—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	REVISED	21JUL09	BH	WK

LED SCHEMATIC

LED1	LED2
GREEN	YELLOW
9-	11-

FOR 1734577-X

LED SCHEMATIC

LED1	LED2
GREEN	GREEN
9-	11-

FOR 1-1734577-X

LED SCHEMATIC

LED1	LED2
RED	RED
9-	11-
GREEN	GREEN

FOR 2-1734577-X

LED1

LED2

LOGO

16.15±0.25

16.7

CL OF 11.43

0.5 MAX

3.25±0.25
4 PLC

0.50
4 PLC

1.30
2 PLC

3.00
2 PLC

4.11±0.2

3.85±0.25

6.55±0.25

3.25±0.25
8 PLC

0.35
8 PLC

2.54±0.2

6.35±0.2

16.5

3.45

PIN 8

PIN 1

1.5
2 PLC

14.75~14.86

TIN PLATED
2 PLC

16.8^{+0.13}₋₀

R0.60 MAX
4 PLC

PANEL

NOTE:

1. MATERIAL:
HOUSING: PA46, WITH 30% GF,
UL 94V-0, BLACK COLOR.
CONTACTS: PHOSPHOR BRONZE.
SHELL: BRASS.
LED SOLDER TAIL: STEEL.

2. FINISH:
CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA,
GOLD FLASH ON SOLDER TAIL,
WITH ENTIRE CONTACT UNDERPLATED
1.27µm [50µ"] MIN. NICKEL.
SHELL: 0.508µm [20µ"] MIN. NICKEL PLATED.
LED SOLDER TAIL: 2.159µm [85µ"] MIN. TIN PLATED.

3. LED MUST BE REFLOW COMPATIBLE TO FOLLOWING
TEMPERATURE PROFILE (FOR 1 CYCLE): ABOVE 160°C FOR
120 SECONDS, PEAKING AT 245°C FOR 20~40 SECONDS.

4. LED DEFECT RATE IS 6000PPM MAX. AFTER IR REFLOW
PROCESS AS NOTE 3.

5. WAVE SOLDER CAPABLE TO 265°C PER TE SPEC 109-202, CONDITION B.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± 0.30
2 PLC ± 0.20
3 PLC ± 0.15
4 PLC ± -
ANGLES ± 3°
FINISH

MATERIAL

SEE NOTE

DWN
B. HSING
21JUL2009

CHK
S. CHIEN
21JUL2009

APVD
W. KODAMA
21JUL2009

PRODUCT SPEC
108-57527

APPLICATION SPEC
501-57604

WEIGHT
6.55 GRAMS

CUSTOMER DRAWING

Tyco Electronics Corporation
Taipei, Taiwan

NAME
MODULAR JACK, RJ45,
8P8C, DIP TYPE.

SIZE
A3

CAGE CODE
00779

DRAWING NO
C=1734577

RESTRICTED TO
—

SCALE
—

SHEET
1 OF 3

REV
C1

12.60

11.43

CL OF 11.43

7.62

(6.55)

4.11

3.85

6.35

1.27
TYP

8.89

15.75

Ø3.20
2 PLC

Ø1.60
2 PLC

Ø0.90
12 PLC

Ø0.10 X Y

Ø0.10 X Y

Ø0.10 X Y

9-

10-

11-

12-

7-

8-

1-

2-

CONNECTOR OUTLINE

RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05 (TOP VIEW)

RED/ GREEN	RED/ GREEN	1.27µm [50µ"]	2-1734577-4
		0.762µm [30µ"]	2-1734577-3
		0.381µm [15µ"]	2-1734577-2
		0.152µm [6µ"]	2-1734577-1
GREEN	GREEN	1.27µm [50µ"]	1-1734577-4
		0.762µm [30µ"]	1-1734577-3
		0.381µm [15µ"]	1-1734577-2
		0.152µm [6µ"]	1-1734577-1
YELLOW	GREEN	1.27µm [50µ"]	1734577-4
		0.762µm [30µ"]	1734577-3
		0.381µm [15µ"]	1734577-2
		0.152µm [6µ"]	1734577-1
LED2	LED1	MIN. GOLD THICKNESS	PART NUMBER
INDICATOR COLOR			

AMP 1470-19 REV 31MAR2000

4

3

2

1

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LOC

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REVISIONS

P

LTR

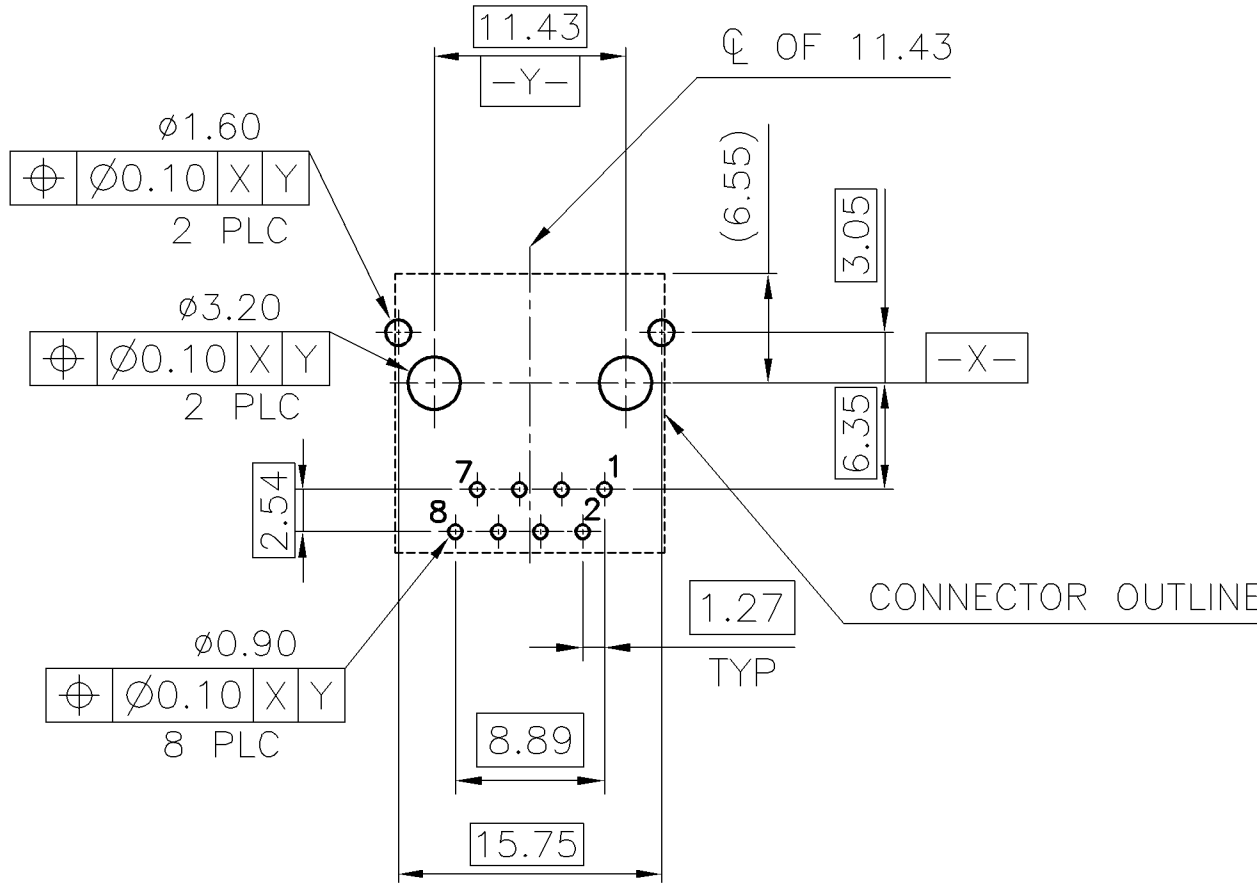
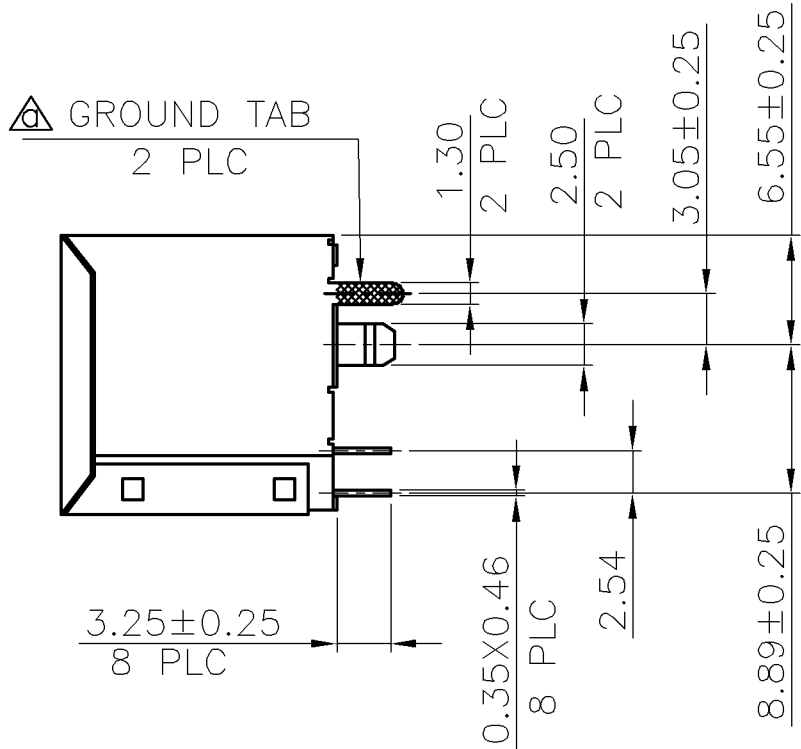
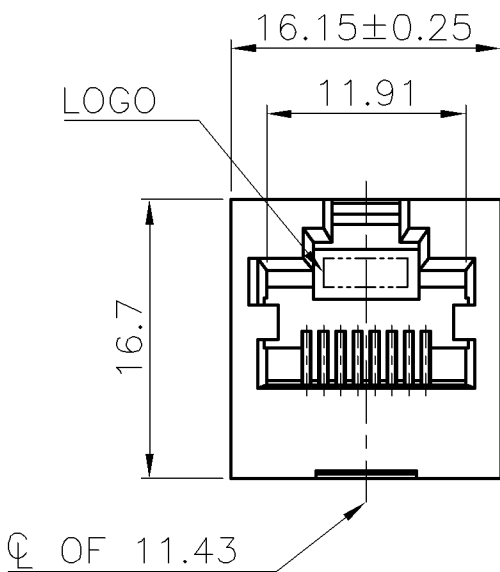
DESCRIPTION

DATE

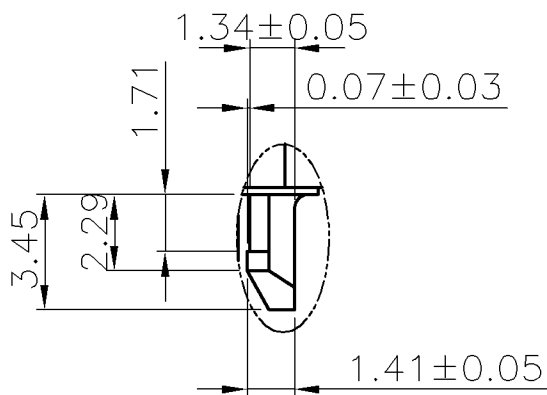
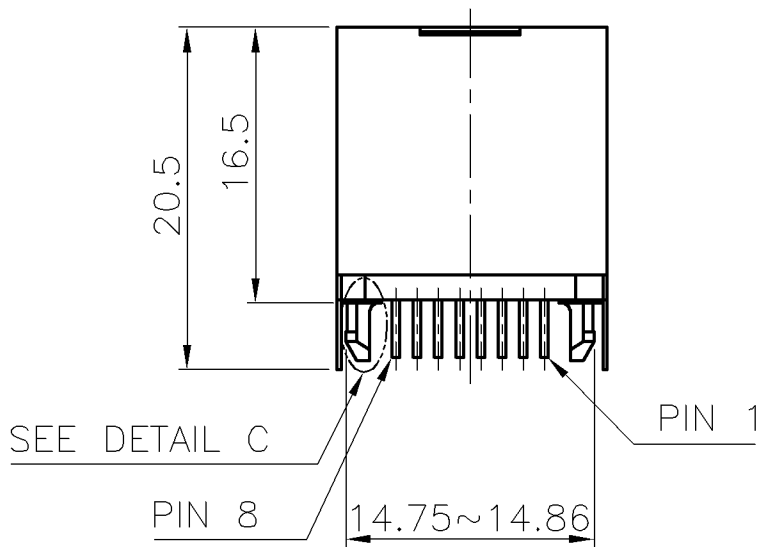
DWN

APVD

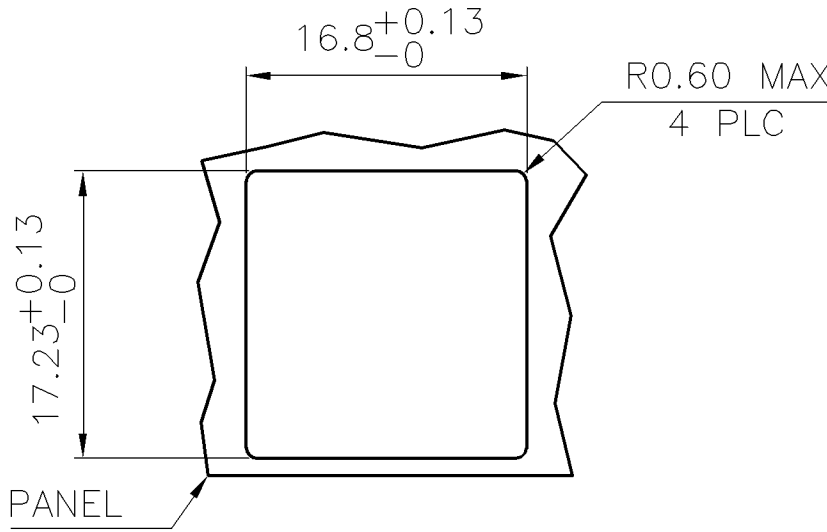
SEE SHEET 1.



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05 (TOP VIEW)



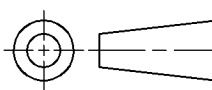
DETAIL C (SCEALE 2:1)



RECOMMENDED SUGGESTED PANEL CUTOUT

- NOTE:
- MATERIAL:
HOUSING: PA46, WITH 30% GF,
UL 94V-0, BLACK COLOR.
CONTACTS: PHOSPHOR BRONZE.
SHELL: BRASS.
 - FINISH:
CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA,
GOLD FLASH ON SOLDER TAIL,
WITH ENTIRE CONTACT UNDERPLATED
1.27µm [50µ"] MIN. NICKEL.
SHELL: 0.508µm [20µ"] MIN. NICKEL PLATED.
⚠ POST DIPPED WITH TIN ON PCB GROUND TABS.
 - WAVE SOLDER CAPABLE TO 265°C PER TE SPEC 109-202, CONDITION B.

"MODULAR JACK WITHOUT LED"

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN CHK APVD		Tyco Electronics Tyco Electronics Corporation Taipei, Taiwan					
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME MODULAR JACK, RJ45, 8P8C, DIP TYPE.					
	0 PLC	± -							
	1 PLC	± 0.30							
	2 PLC	± 0.20							
	3 PLC	± 0.15							
4 PLC	± -								
MATERIAL		FINISH		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO	
SEE NOTE		SEE NOTE		A3		00779	C=1734577	—	
CUSTOMER DRAWING							SCALE	SHEET	REV
							—	2 of 3	C1

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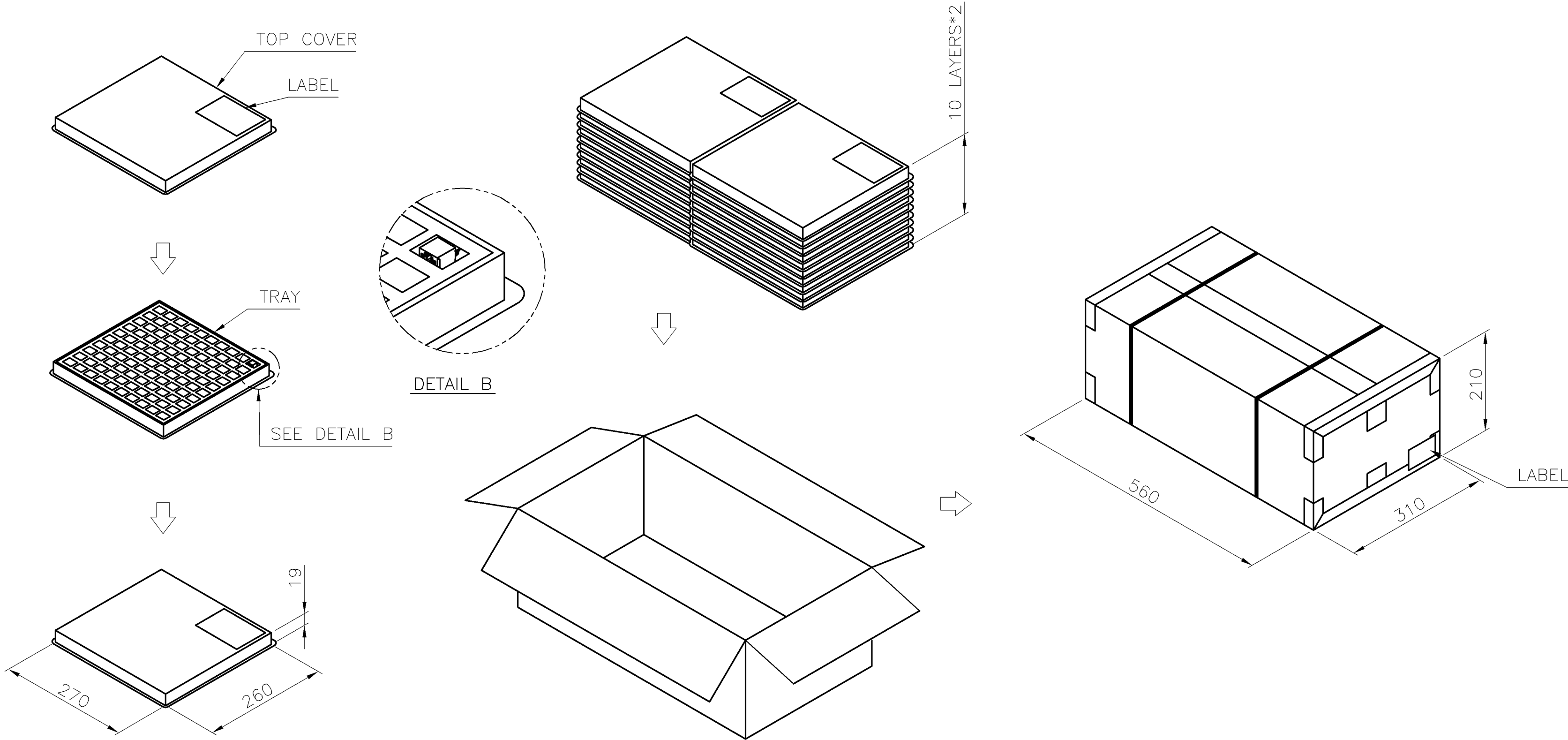
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LOC
DW

DIST
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



15 Kg	13.3 Kg	100	20	2000 PCS
GROSS WEIGHT (Ref.)	NET WEIGHT (Ref.)	PCS/TRAY	TRAYS /BOX	QUANTITY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		Tyco Electronics Corporation Taipei, Taiwan	
DIMENSIONS: MM		CHK			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH		PRODUCT SPEC			
MATERIAL		APPLICATION SPEC		NAME	
		WEIGHT		MODULAR JACK, RJ45, 8P8C, DIP TYPE.	
		CUSTOMER DRAWING		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
				A300779C=1734577	
		SCALE		SHEET 3 OF 3 REV C1	