

D
C
B
A

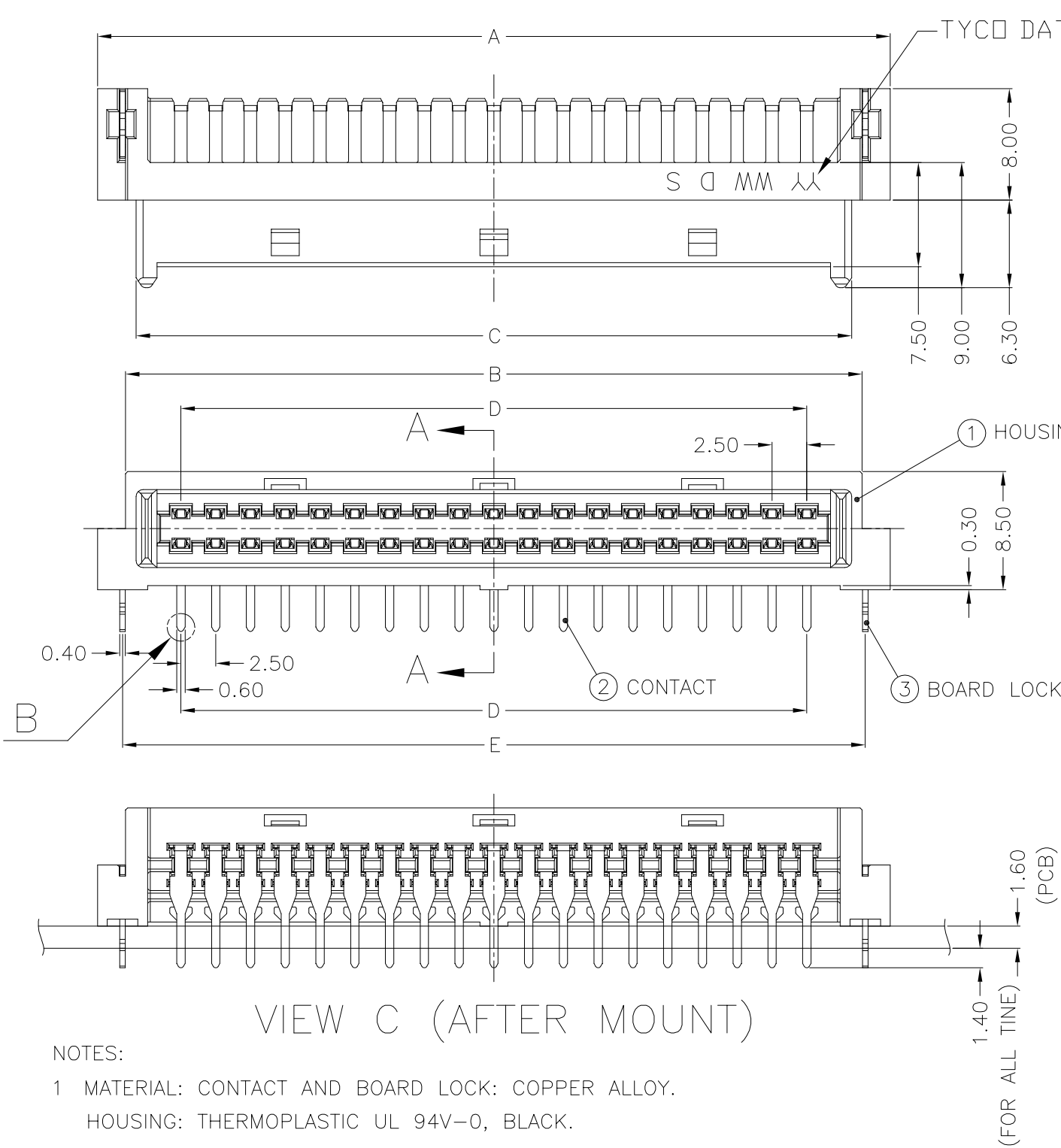
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		C	ECR-09-001288	19JAN'09	L.W	Y.S



RECOMMENDED PCB LAYOUT

SECTION A-A

DETAIL B
(TINE TIP)

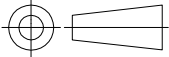
1-1746701-1, 1-1746701-2 AS SHOWN
(WITH LOCK)

NOTES:

- MATERIAL: CONTACT AND BOARD LOCK: COPPER ALLOY.
HOUSING: THERMOPLASTIC UL 94V-0, BLACK.
- FINISH: CONTACT: GOLD PLATED ON CONTACT AREA,
TIN PLATED ON SOLDER AREA,
NICKEL UNDERPLATED ALL OVER.
BOARD LOCK: TIN PLATED ON SOLDER AREA,
NICKEL UNDERPLATED ALL OVER.
- PRODUCT TO BE PACKAGED IN TRAY, QUANTITY IS 30EA/TRAY.
- APPLICABLE THICKNESS OF P.C.BOARD IS 1.6±0.1MM.

TYCO DATE CODE :
YY=YEAR; WW=WEEK; D=DAY; S=SHIFT

WITHOUT LOCK	68.4	60.0	66.46	67.96	72.0	50	2-1746701-2
WITH LOCK	68.4	60.0	66.46	67.96	72.0	50	1-1746701-2
	53.4	45.0	51.46	52.96	57.0	38	1-1746701-1
REMARK	E	D	C	B	A	POS.	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Ivanov Wang 26MAY2005		 Tyco Electronics Tyco Electronics Corporation Shanghai, P.R.China, 200233							
		CHK Steven Yao 26MAY2005									
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± 0.3 2 PLC ± 0.3 3 PLC ± — 4 PLC ± — ANGLES ± —		NAME							
				BTB 2.5MM PITCH COMBINED RECEPTACLE ASSEMBLY CONNECTOR —							
				PRODUCT SPEC —							
				APPLICATION SPEC —							
				WEIGHT —							
MATERIAL —		FINISH —		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
				A3	00779	© 1746701	—				
CUSTOMER DRAWING						SCALE	10:1	SHEET	1 OF 3	REV	C

D
C
B
A

3

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LOC

DIST

REVISIONS

ES

00

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

8.00 REF

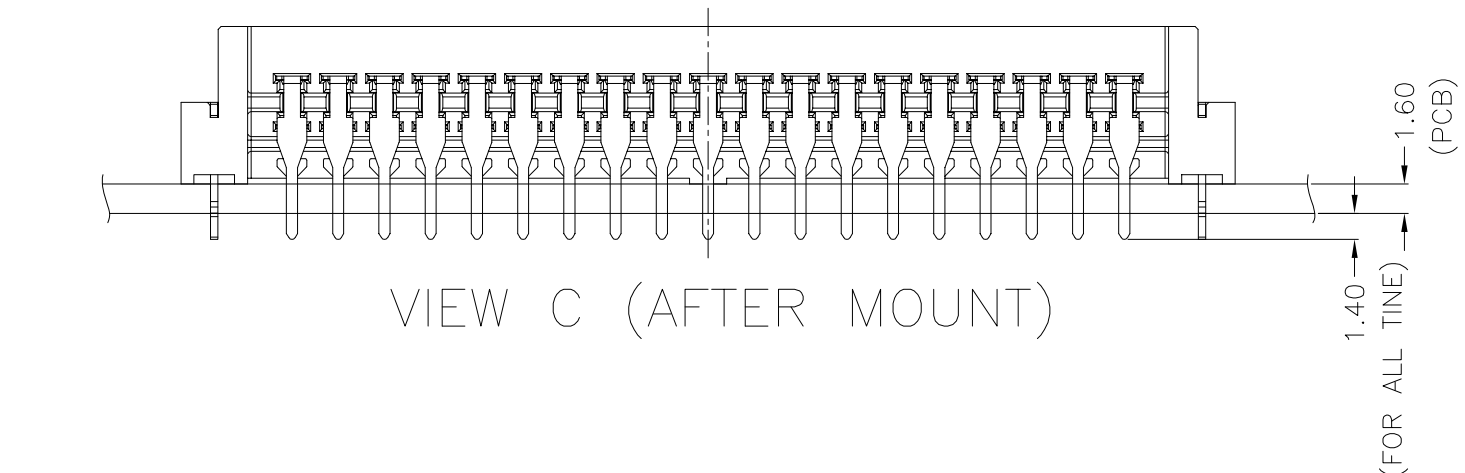
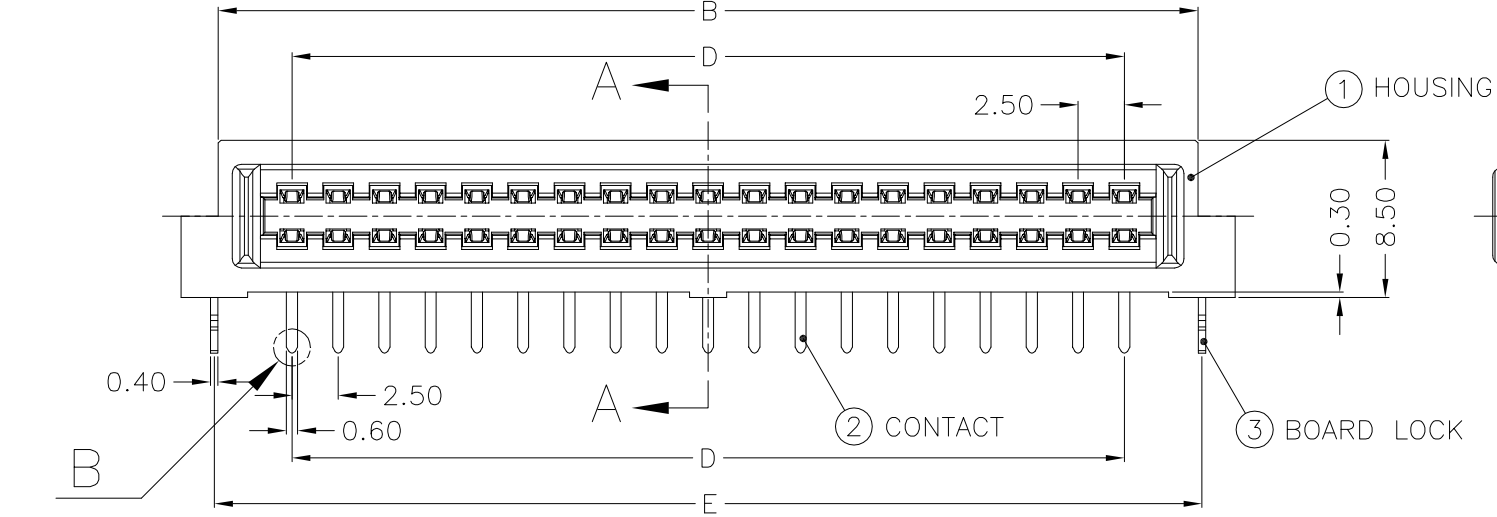
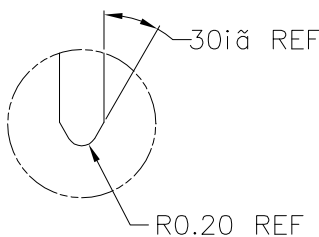
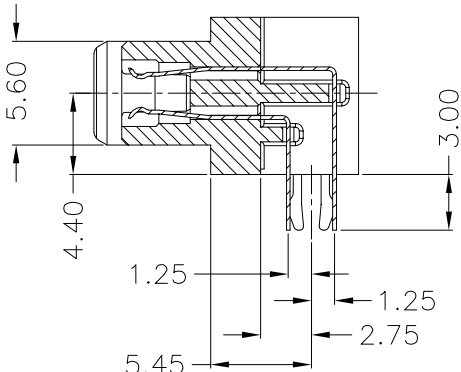
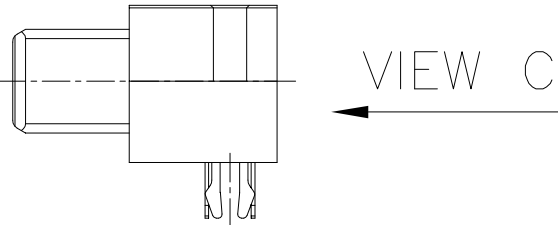
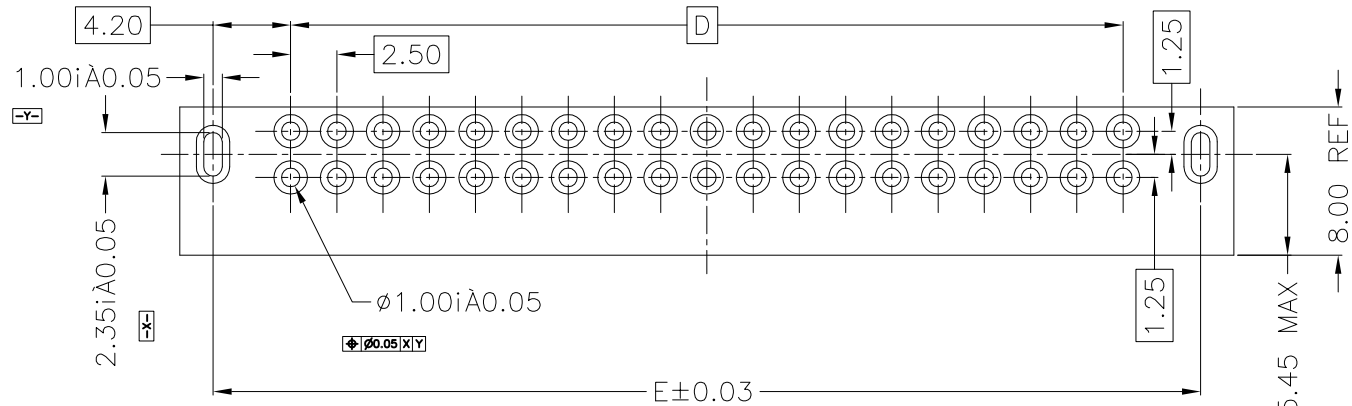
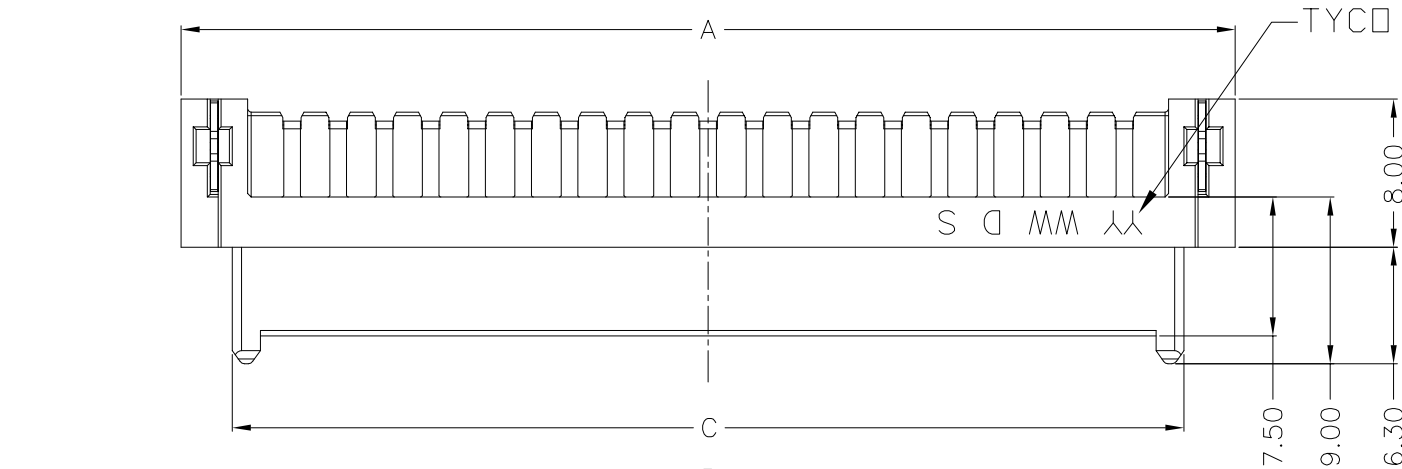
5.45 MAX

RECOMMENDED PCB LAYOUT

SECTION A-A

DETAIL B
(TINE TIP)

VIEW C (AFTER MOUNT)



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DWN 26MAY2005

CHK Ivanov Wang 26MAY2005

APVD Steven Yao 26MAY2005

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

Tyco Electronics

Tyco Electronics Corporation
Shanghai, P.R.China, 200233

NAME

BTB 2.5MM PITCH COMBINED RECEPTACLE
ASSEMBLY CONNECTOR

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3 00779 C-1746701

SCALE 10:1

SHEET 2 OF 3

REV C

2-1746701-2 AS SHOWN
(WITHOUT LOCK)

4

3

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LOC

DIST

REVISIONS

ES

00

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

-

-

-

D

D

C

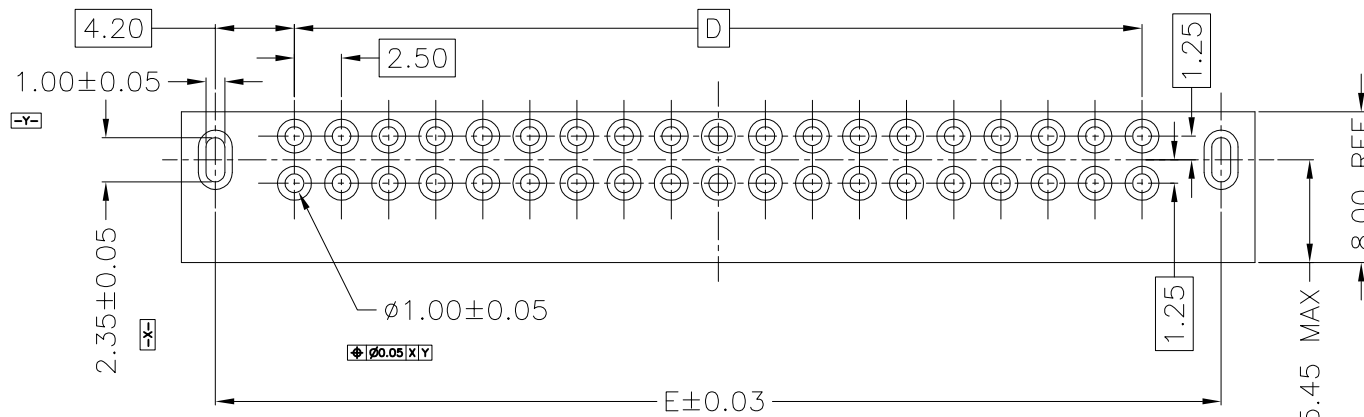
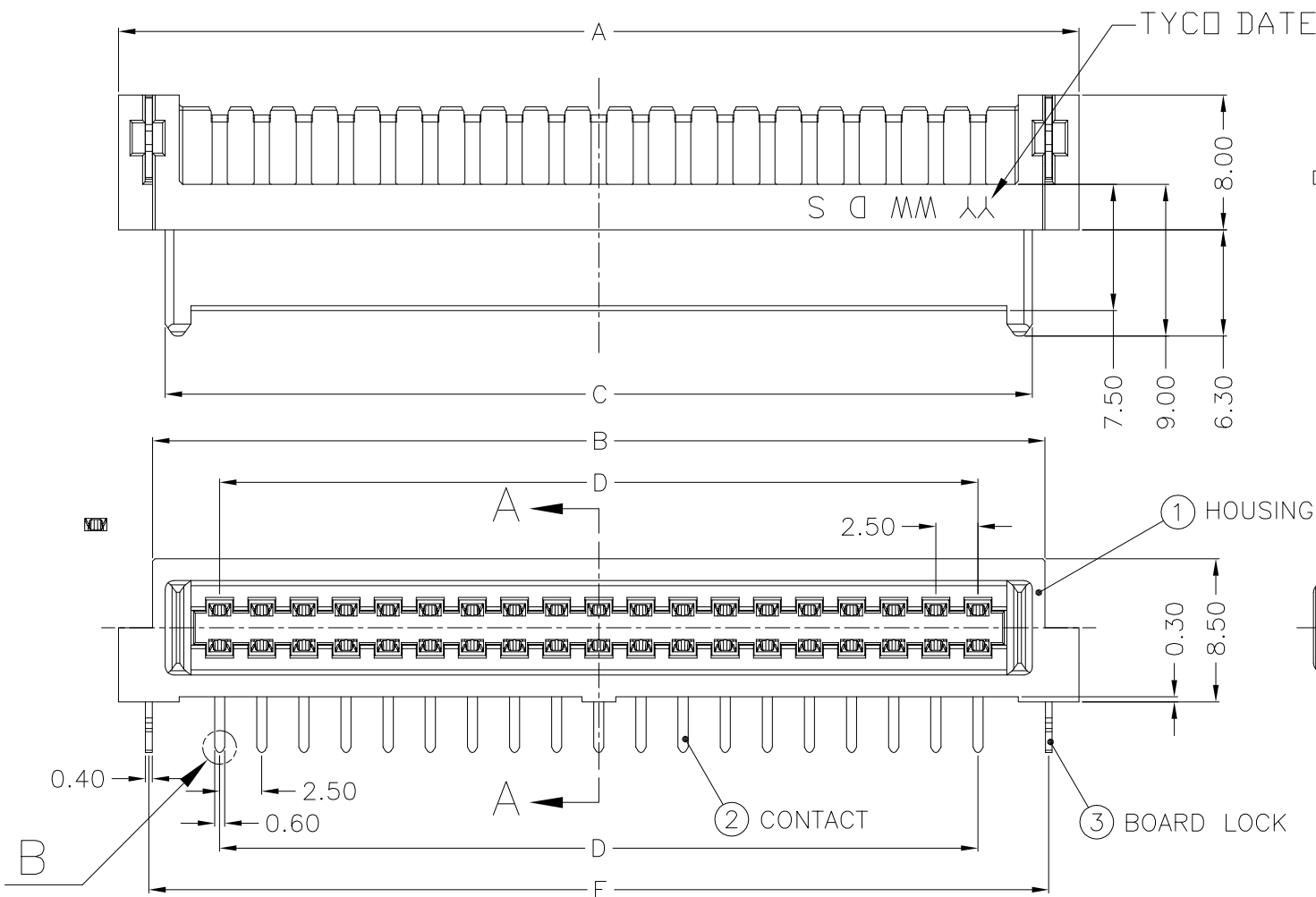
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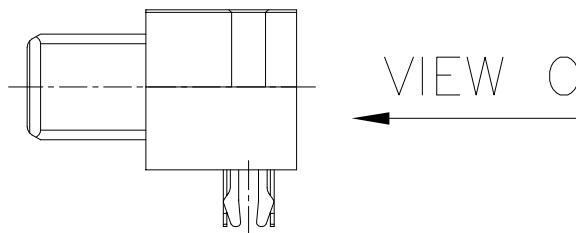
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A

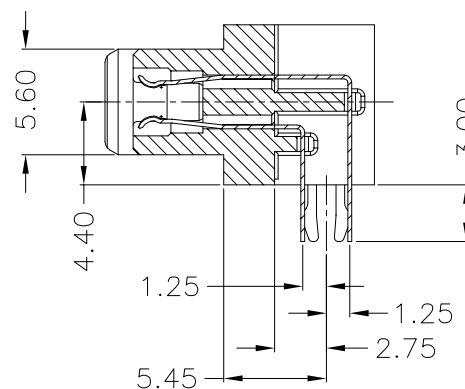
A



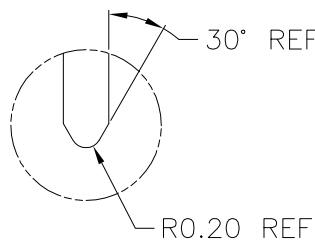
RECOMMENDED PCB LAYOUT



VIEW C



SECTION A-A



DETAIL B
(TINE TIP)

VIEW C (AFTER MOUNT)

© ADD THIS SHEET

3-1746701-2 AS SHOWN
(WITHOUT LOCK WITH BEAD)

THIS DRAWING IS A CONTROLLED DOCUMENT.

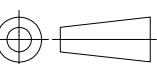
DIMENSIONS:

mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± 0.3
2 PLC ± 0.3
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH

MATERIAL



DWN

26MAY2005

CHK

26MAY2005

APVD

26MAY2005

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

Ivanov Wang

Steven Yao

Steven Yao

—

—

—



Tyco Electronics Corporation

Shanghai, P.R.China, 200233

NAME

BTB 2.5MM PITCH COMBINED RECEPTACLE
ASSEMBLY CONNECTOR

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

© 1746701

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SCALE

10:1

SHEET

3

OF

3

REV

C

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[3-1746701-2](#)