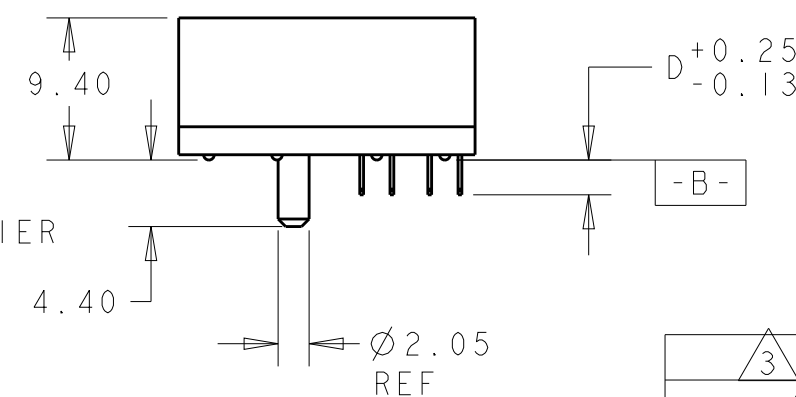
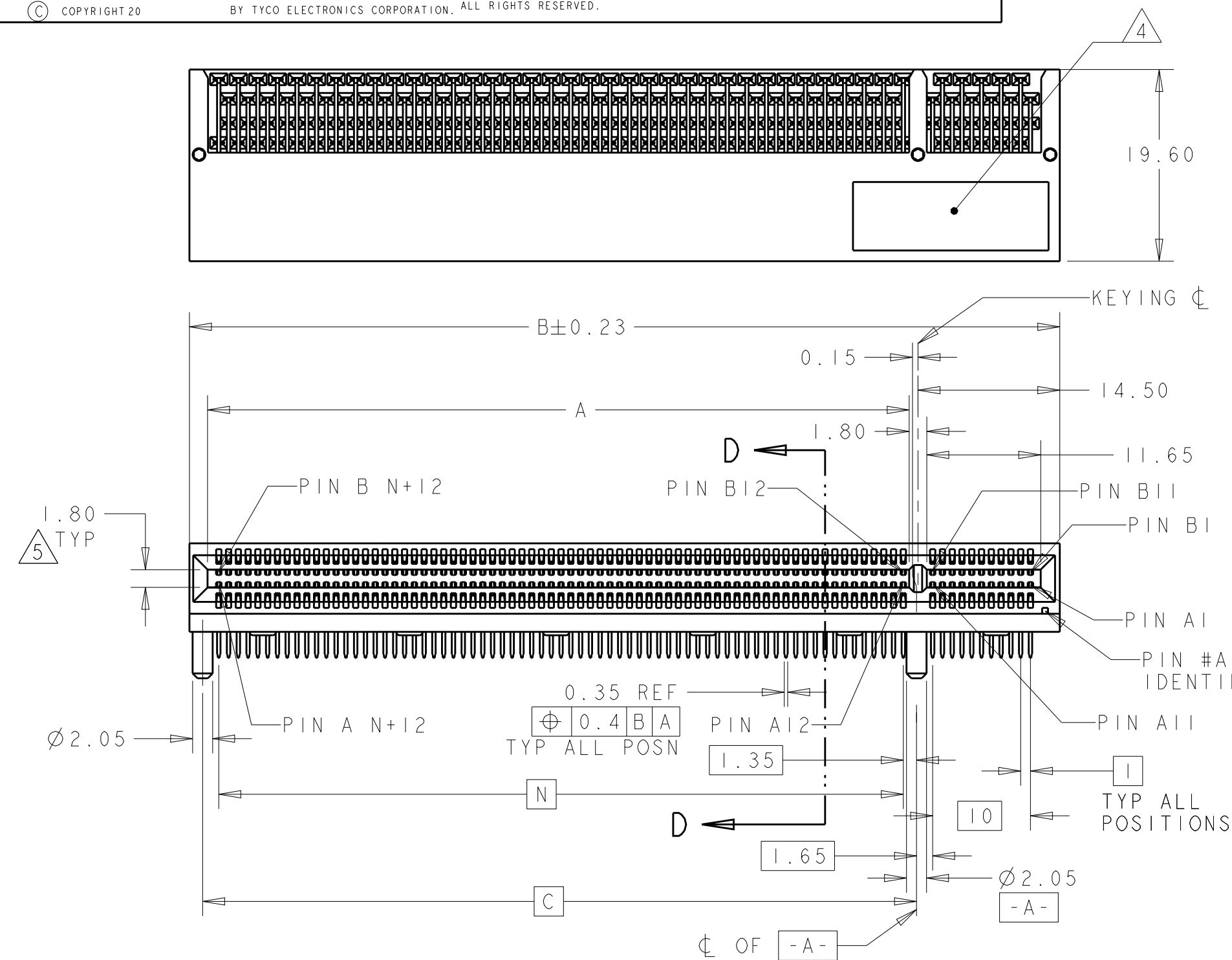


LOC	DIST	REVISONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASED PER ECO-09-016675	07AUG2009	CR	PR
			B	REVISED PER ECO-10-.013513	29JUN2010	CJV	PAR
			C	REVISED PER ECO-15-015156	14MAR2016	FL	SY



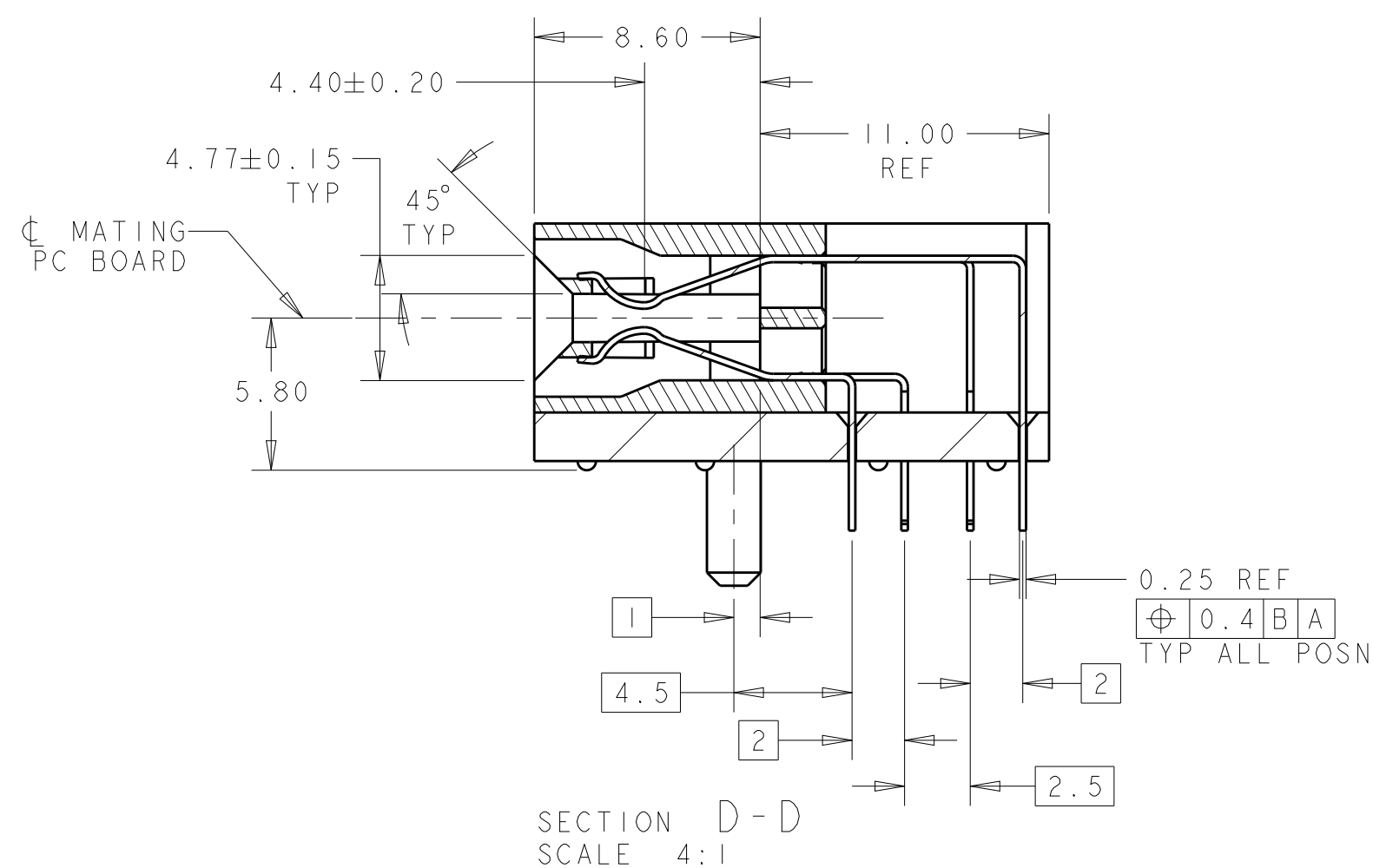
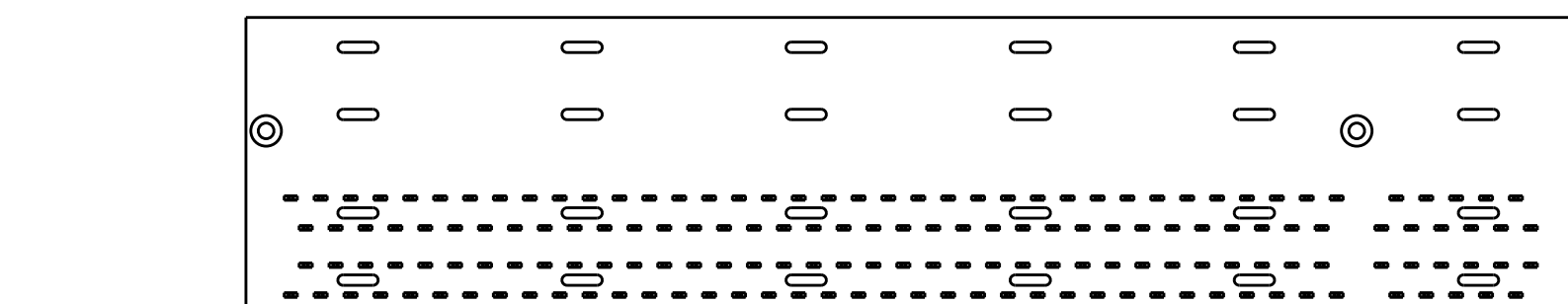
△ MATERIAL: HOUSING: HIGH TEMP NYLON, UL 94V-0
COLOR: BLACK
TINE PLATE: LCP, UL 94V-0,
COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE

2 FINISH: CONTACT AREA: GOLD PLATE 0.76μm MIN THICK OVER
NICKEL UNDERPLATE.
TINE AREA: TIN PLATE OVER NICKEL UNDERPLATE.

3 FINISH: CONTACT AREA: GOLD PLATE 0.38μm MIN THICK OVER
NICKEL UNDERPLATE.
TINE AREA: TIN PLATE OVER NICKEL UNDERPLATE.

4 COMPANY LOGO IN APPROXIMATE AREA SHOWN.

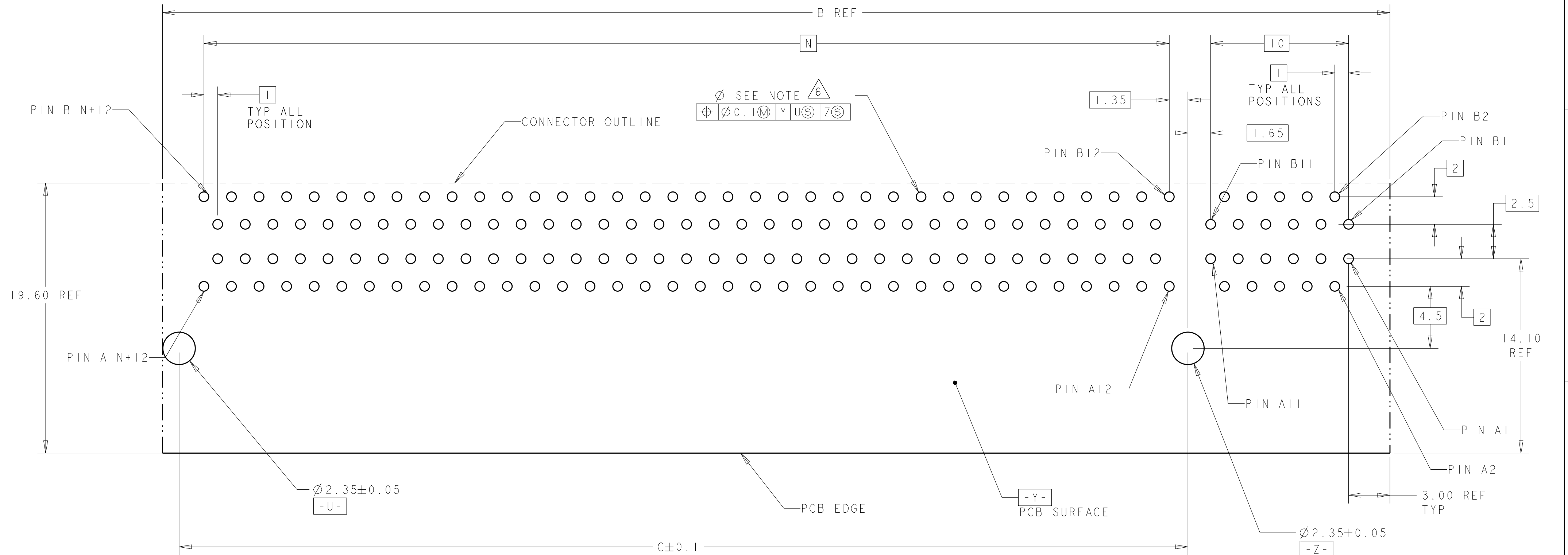
5 SLOT ACCEPTS STANDARD 1.57mm±10% THICK ADD-IN CARD.



3	128.00	130.15	3.56	131.15	147.00	129.65	280	-	5-1761465-5
3	70.00	72.15	3.56	73.15	89.00	71.65	164	16	5-1761465-4
3	37.00	39.15	3.56	40.15	56.00	38.65	98	8	5-1761465-3
3	20.00	22.15	3.56	23.15	39.00	21.65	64	4	5-1761465-2
3	6.00	8.15	3.56	9.15	25.00	7.65	36	1	5-1761465-1
2	128.00	130.15	3.56	131.15	147.00	129.65	280	-	4-1761465-5
2	70.00	72.15	3.56	73.15	89.00	71.65	164	16	4-1761465-4
2	37.00	39.15	3.56	40.15	56.00	38.65	98	8	4-1761465-3
2	20.00	22.15	3.56	23.15	39.00	21.65	64	4	4-1761465-2
2	6.00	8.15	3.56	9.15	25.00	7.65	36	1	4-1761465-1
3	128.00	130.15	3.10	131.15	147.00	129.65	280	-	3-1761465-5
3	70.00	72.15	3.10	73.15	89.00	71.65	164	16	3-1761465-4
3	37.00	39.15	3.10	40.15	56.00	38.65	98	8	3-1761465-3
3	20.00	22.15	3.10	23.15	39.00	21.65	64	4	3-1761465-2
3	6.00	8.15	3.10	9.15	25.00	7.65	36	1	3-1761465-1
3	128.00	130.15	2.30	131.15	147.00	129.65	280	-	2-1761465-5
3	70.00	72.15	2.30	73.15	89.00	71.65	164	16	2-1761465-4
3	37.00	39.15	2.30	40.15	56.00	38.65	98	8	2-1761465-3
3	20.00	22.15	2.30	23.15	39.00	21.65	64	4	2-1761465-2
3	6.00	8.15	2.30	9.15	25.00	7.65	36	1	2-1761465-1
2	128.00	130.15	3.10	131.15	147.00	129.65	280	-	1-1761465-5
2	70.00	72.15	3.10	73.15	89.00	71.65	164	16	1-1761465-4
2	37.00	39.15	3.10	40.15	56.00	38.65	98	8	1-1761465-3
2	20.00	22.15	3.10	23.15	39.00	21.65	64	4	1-1761465-2
2	6.00	8.15	3.10	9.15	25.00	7.65	36	1	1-1761465-1
2	128.00	130.15	2.30	131.15	147.00	129.65	280	-	1761465-5
2	70.00	72.15	2.30	73.15	89.00	71.65	164	16	1761465-4
2	37.00	39.15	2.30	40.15	56.00	38.65	98	8	1761465-3
2	20.00	22.15	2.30	23.15	39.00	21.65	64	4	1761465-2
2	6.00	8.15	2.30	9.15	25.00	7.65	36	1	1761465-1
FINISH	N	E	D	C	B	A	POSN	PORT	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. TREA 09SEP2004		 Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.0 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±.0 ANGLES ±° ±2°		NAME PCI EXPRESS CARD EDGE CONNECTOR ASSEMBLY RIGHT ANGLE, 5.8mm SLOT HEIGHT THROUGH HOLE, ExpressModule TYPE	
		PRODUCT SPEC - APPLICATION SPEC -		SIZE A2	
MATERIAL 		FINISH - WEIGHT -		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C-1761465	
				RESTRICTED TO -	
				SCALE 2:1	
				SHEET 1 OF 3	
				REV C	

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



RIGHT ANGLE, ExpressModule
PCB LAYOUT
SCALE 5:1

△6 MANUFACTURING TOLERANCE FOR $\varnothing 0.70 \pm 0.05$
DIAMETER FINISHED HOLE WITH SnPB PLATING:
DRILLED HOLE = $\varnothing 0.79 \pm 0.02$
COPPER PLATING = 0.025-0.050
SnPB PLATING = 0.0038-0.0124

OR $\varnothing 0.715 \pm 0.050$ FINISHED HOLE WITHOUT SnPB PLATING
DRILLED HOLE = $\varnothing 0.79 \pm 0.02$
COPPER PLATING = 0.025-0.050

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN 09SEP2004 R. TREA		 Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 3 PLC ±0.013 4 PLC ±.2° ANGLES		NAME PCI EXPRESS CARD EDGE CONNECTOR ASSEMBLY RIGHT ANGLE, 5.8mm SLOT HEIGHT THROUGH HOLE, ExpressModule TYPE	
MATERIAL		FINISH		SIZE CAGE CODE DRAWING NO RESTRICTED TO A2 00779 C-1761465 -	
		WEIGHT -		SCALE 4:1 SHEET 2 OF 3 REV C	
		CUSTOMER DRAWING			

D

D

C

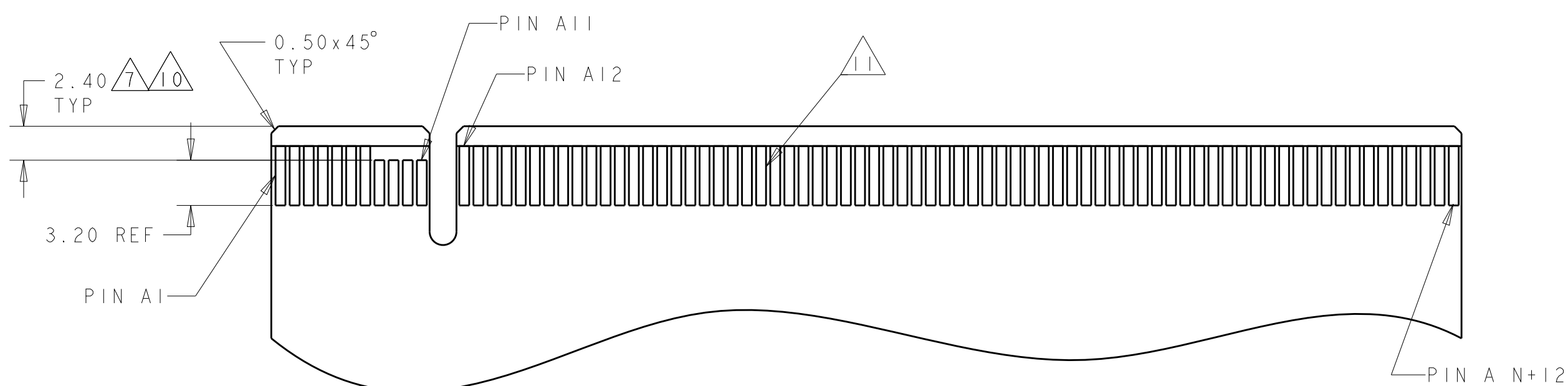
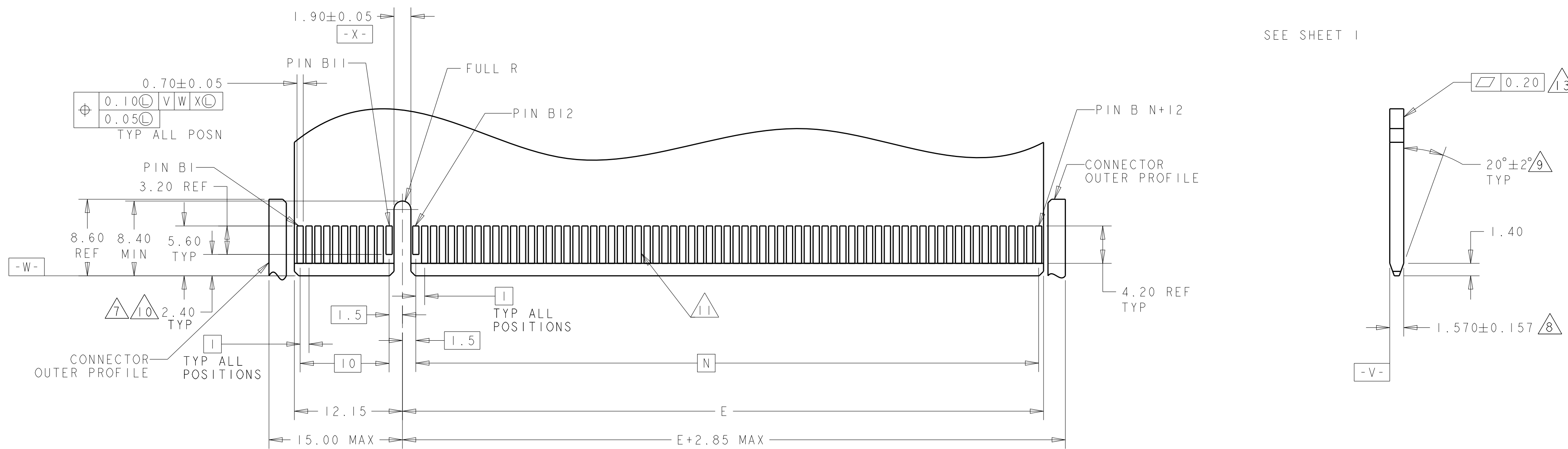
C

B

B

A

A



ExpressModule LAYOUT (MATING PART ONLY)

- 7 DIMENSION ONLY APPLIES TO "LAST MATE" PINS.
- 8 CARD THICKNESS APPLIES ACROSS PAD SURFACES AND INCLUDES PLATING AND/OR METALIZATION.
- 9 CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
- 10 NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF "LAST MATE" PADS.
- 11 GOLD CONTACT PADS: ELECTROLESS GOLD PLATE 0.76µm MIN THICK OVER ELECTROLESS NICKEL PLATING 2µm MIN THICK.
- 12. PC BOARD SUPPLIER IS RESPONSIBLE FOR MAINTAINING ALL DIMENSIONS OF PC BOARD EDGE.
- 13 FLATNESS REQUIREMENT APPLIES FROM EDGE OF PC BOARD TO TOP OF KEY

AI,B17,B31,B48,B81	280	-
AI,B17,B31,B48,B81	164	16
AI,B17,B31,B48	98	8
AI,B17,B31	64	4
AI,B17	36	1
LAST MATE PINS	POS.	PORT

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IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION
SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±
ANGLES ±2°
FINISH

DWN
R. TREA
09SEP2004
CHK
D. DEFLAUGH
09SEP2004
APVD
D. DEFLAUGH
09SEP2004
PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT
-
CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608
NAME
PCI EXPRESS CARD EDGE CONNECTOR ASSEMBLY
RIGHT ANGLE, 5.8mm SLOT HEIGHT
THROUGH HOLE, ExpressModule TYPE
SIZE
A2
CAGE CODE
00779
DRAWING NO
C-1761465
RESTRICTED TO
-
SCALE
4:1
SHEET
3
OF
3
REV
C

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[4-1761465-4](#)