

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

AUG ,2006.

© COPYRIGHT

BY TYCO ELECTRONICS CORPORATION.

ALL RIGHTS RESERVED.

LOC

DW

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	G	REVISED PER ECR-16-003830	14MAR16	FL	SY

8.7	GEN II & GEN III		2.30	71.35	70	73.15	89	71.65	164	BLACK	30u"	4-1734774-8
5.45				38.35	37	40.15	56	38.65	98	WHITE		4-1734774-7
3.85				21.35	20	23.15	39	21.65	64	BLACK		4-1734774-6
2.55				7.35	6	9.15	25	7.65	36	WHITE		4-1734774-5
8.7				71.35	70	73.15	89	71.65	164	BLACK		4-1734774-4
										WHITE		4-1734774-3
5.45				38.35	37	40.15	56	38.65	98	BLACK	4-1734774-2	
										WHITE	4-1734774-1	
3.85				21.35	20	23.15	39	21.65	64	BLACK	15u"	
										WHITE	G/F	
2.55				7.35	6	9.15	25	7.65	36	BLACK	3-1734774-0	
										WHITE	3-1734774-9	
8.7				71.35	70	73.15	89	71.65	164	BLACK	3-1734774-8	
										WHITE	3-1734774-7	
5.45				38.35	37	40.15	56	38.65	98	BLACK	15u"	
										WHITE	G/F	
3.85	21.35	20	23.15	39	21.65	64	BLACK	3-1734774-6				
							WHITE	3-1734774-5				
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"				
							WHITE	G/F				
8.7	71.35	70	73.15	89	71.65	164	BLACK	3-1734774-4				
							WHITE	3-1734774-3				
5.45	38.35	37	40.15	56	38.65	98	BLACK	15u"				
							WHITE	G/F				
3.85	21.35	20	23.15	39	21.65	64	BLACK	3-1734774-2				
							WHITE	3-1734774-1				
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"				
							WHITE	G/F				
8.7	71.35	70	73.15	89	71.65	164	BLACK	2-1734774-8				
							WHITE	2-1734774-7				
5.45	38.35	37	40.15	56	38.65	98	BLACK	15u"				
							WHITE	2-1734774-6				
3.85	21.35	20	23.15	39	21.65	64	BLACK	2-1734774-5				
							WHITE	2-1734774-4				
2.55	7.35	6	9.15	25	7.65	36	BLACK	2-1734774-3				
							WHITE	2-1734774-2				
8.7	71.35	70	73.15	89	71.65	164	BLACK	2-1734774-1				
							WHITE	2-1734774-0				
5.45	38.35	37	40.15	56	38.65	98	BLACK	1-1734774-9				
							WHITE	1-1734774-8				
3.85	21.35	20	23.15	39	21.65	64	BLACK	1-1734774-7				
							WHITE	1-1734774-6				
2.55	7.35	6	9.15	25	7.65	36	BLACK	1-1734774-5				
							WHITE	1-1734774-4				
8.7	71.35	70	73.15	89	71.65	164	BLACK	1-1734774-3				
							WHITE	1-1734774-2				
5.45	38.35	37	40.15	56	38.65	98	BLACK	1-1734774-1				
							WHITE	1-1734774-0				
3.85	21.35	20	23.15	39	21.65	64	BLACK	15u"				
							WHITE	G/F				
2.55	7.35	6	9.15	25	7.65	36	BLACK	1734774-9				
							WHITE	1734774-8				
8.7	71.35	70	73.15	89	71.65	164	BLACK	1734774-7				
							WHITE	1734774-6				
5.45	38.35	37	40.15	56	38.65	98	BLACK	1734774-5				
							WHITE	1734774-4				
3.85	21.35	20	23.15	39	21.65	64	BLACK	1734774-3				
							WHITE	1734774-2				
2.55	7.35	6	9.15	25	7.65	36	BLACK	1734774-1				
							WHITE	1734774-0				
WEIGHT(g)	PCI-E COMPLIANCE	HOUSING MATERIAL	DIM. L	DIM. E	DIM. D	DIM. C	DIM. B	DIM. A	POS.	HOUSING COLOR	MIN. GOLD THICKNESS	PART NUMBER

8.8	GEN II	PA46	2.30	71.35	70	73.15	89	71.65	164	BLACK	30u"	9-1734774-7
5.5				38.35	37	40.15	56	38.65	98	WHITE		9-1734774-6
3.9				21.35	20	23.15	39	21.65	64	BLACK		9-1734774-5
2.55				7.35	6	9.15	25	7.65	36	WHITE		9-1734774-4
8.8				71.35	70	73.15	89	71.65	164	BLACK		9-1734774-3
										WHITE		9-1734774-2
5.5				38.35	37	40.15	56	38.65	98	BLACK	9-1734774-1	
										WHITE	9-1734774-0	
3.9				21.35	20	23.15	39	21.65	64	BLACK	8-1734774-9	
										WHITE	8-1734774-8	
2.55				7.35	6	9.15	25	7.65	36	BLACK	8-1734774-7	
										WHITE	8-1734774-6	
8.8				71.35	70	73.15	89	71.65	164	BLACK	8-1734774-5	
										WHITE	8-1734774-4	
5.5				38.35	37	40.15	56	38.65	98	BLACK	8-1734774-3	
										WHITE	8-1734774-2	
3.9	21.35	20	23.15	39	21.65	64	BLACK	8-1734774-1				
							WHITE	8-1734774-0				
2.55	7.35	6	9.15	25	7.65	36	BLACK	7-1734774-9				
							WHITE	7-1734774-8				
8.8	71.35	70	73.15	89	71.65	164	BLACK	7-1734774-7				
							WHITE	7-1734774-6				
5.5	38.35	37	40.15	56	38.65	98	BLACK	7-1734774-5				
							WHITE	7-1734774-4				
3.9	21.35	20	23.15	39	21.65	64	BLACK	7-1734774-3				
							WHITE	7-1734774-2				
2.55	7.35	6	9.15	25	7.65	36	BLACK	7-1734774-1				
							WHITE	7-1734774-0				
8.8	71.35	70	73.15	89	71.65	164	BLACK	6-1734774-9				
							WHITE	6-1734774-8				
5.5	38.35	37	40.15	56	38.65	98	BLACK	6-1734774-7				
							WHITE	6-1734774-6				
3.9	21.35	20	23.15	39	21.65	64	BLACK	6-1734774-5				
							WHITE	6-1734774-4				
2.55	7.35	6	9.15	25	7.65	36	BLACK	6-1734774-3				
							WHITE	6-1734774-2				
8.8	71.35	70	73.15	89	71.65	164	BLACK	6-1734774-1				
							WHITE	6-1734774-0				
5.5	38.35	37	40.15	56	38.65	98	BLACK	6-1734774-9				
							WHITE	6-1734774-8				
3.9	21.35	20	23.15	39	21.65	64	BLACK	6-1734774-7				
							WHITE	6-1734774-6				
2.55	7.35	6	9.15	25	7.65	36	BLACK	6-1734774-5				
							WHITE	6-1734774-4				
8.8	71.35	70	73.15	89	71.65	164	BLACK	6-1734774-3				
							WHITE	6-1734774-2				
5.5	38.35	37	40.15	56	38.65	98	BLACK	6-1734774-1				
							WHITE	6-1734774-0				
3.9	21.35	20	23.15	39	21.65	64	BLACK	5-1734774-9				
							WHITE	5-1734774-8				
2.55	7.35	6	9.15	25	7.65	36	BLACK	5-1734774-7				
							WHITE	5-1734774-6				
8.8	71.35	70	73.15	89	71.65	164	BLACK	5-1734774-5				
							WHITE	5-1734774-4				
5.5	38.35	37	40.15	56	38.65	98	BLACK	5-1734774-3				
							WHITE	5-1734774-2				
3.9	21.35	20	23.15	39	21.65	64	BLACK	5-1734774-1				
							WHITE	5-1734774-0				
2.55	7.35	6	9.15	25	7.65	36	BLACK	5-1734774-9				
							WHITE	5-1734774-8				
8.8	71.35	70	73.15	89	71.65	164	BLACK	5-1734774-7				
							WHITE	5-1734774-6				
5.5	38.35	37	40.15	56	38.65	98	BLACK	5-1734774-5				
							WHITE	5-1734774-4				
3.9	21.35	20	23.15	39	21.65	64	BLACK	5-1734774-3				
							WHITE	5-1734774-2				
2.55	7.35	6	9.15	25	7.65	36	BLACK	5-1734774-1				
							WHITE	5-1734774-0				
WEIGHT(g)	PCI-E COMPLIANCE	HOUSING MATERIAL	DIM. L	DIM. E	DIM. D	DIM. C	DIM. B	DIM. A	POS.	HOUSING COLOR	MIN. GOLD THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.3

2 PLC ± 0.2

3 PLC ± 0.15

4 PLC ± -

ANGLES ± 3°

FINISH

MATERIAL

DWN

B. HSING

15JUL2009

CHK

S. CHIEN

15JUL2009

APVD

W. KODAMA

15JUL2009

PRODUCT SPEC

108-57871

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME

PCI EXPRESS CARD EDGE CONNECTOR
VERTICAL, DIP TYPE, 3GIO

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

©-1734774

SCALE

SHEET

1 OF 5

REV

G

AMP 1470-19 REV 31MAR2000

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

AUG ,2006.



COPYRIGHT

-

BY TYCO ELECTRONICS CORPORATION.

ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

DW

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

NOTES:

1. MATERIAL:

1.1 HOUSING: 1.PA46 WITH 40% G.F, UL94 V-0, COLOR: SEE TABLE.

2.PA9T WITH 30% GF, UL94 V-0, COLOR: SEE TABLE.

1.2 CONTACT: PHOSPHOR BRONZE

2. FINISH:

CONTACT: (SEE TABLE) GOLD PLATING ON CONTACT AREA.

2.54um [100u"] MIN. MATTE-TIN PALTING ON SOLDER TAIL AREA.

1.27um [50u"] MIN. NICKEL UNDERPLATING OVERALL.

3. CONNECTOR HAS MET THE REQUIREMENTS

PER PCI EXPRESS GEN 2 TECHNICAL DOCUMENT.

4. WEIGHT:

36 POS.: 2.55 GRAMS; 64 POS.: 3.90 GRAMS

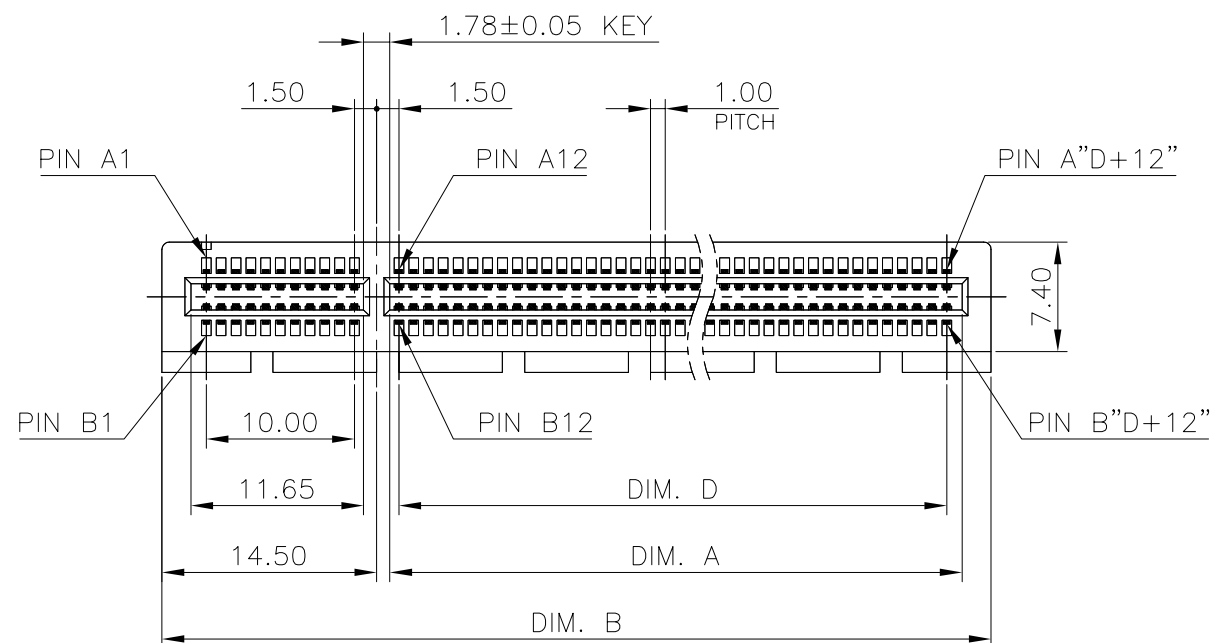
98 POS.: 5.50 GRAMS; 164 POS.: 8.80 GRAMS

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

6. REFLOW SOLDER CAPABLE TO 260°C PER TEST SPEC. 109-201 CONDITION B.
(REFLOW SOLDERING PLEASE USE PN : 1734774-1 TO 4-1734774-8)

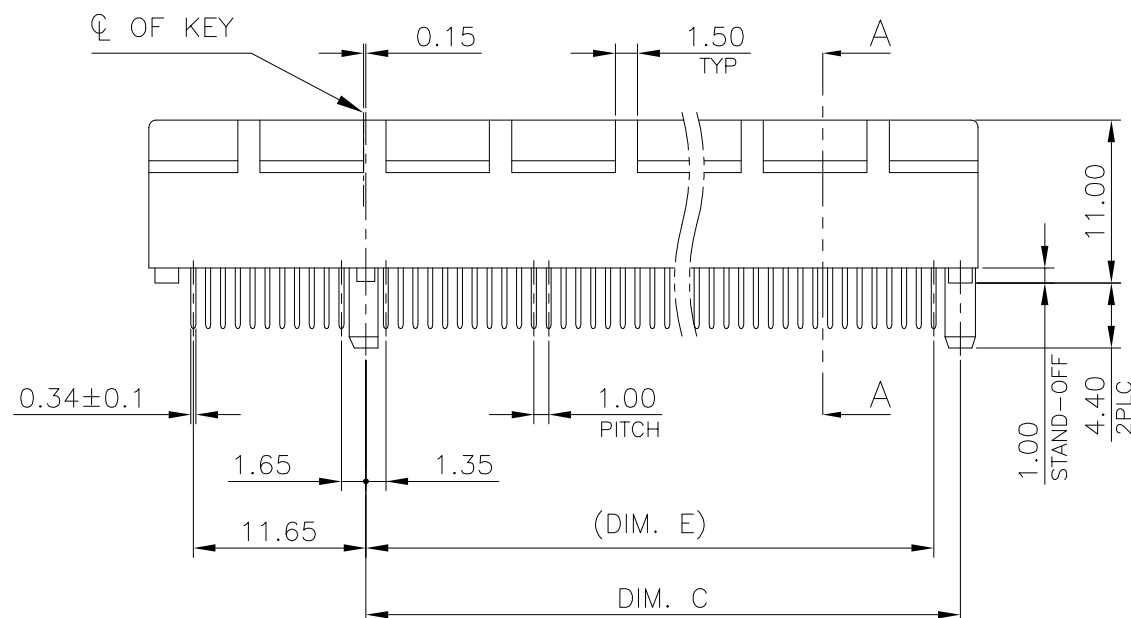
D

D



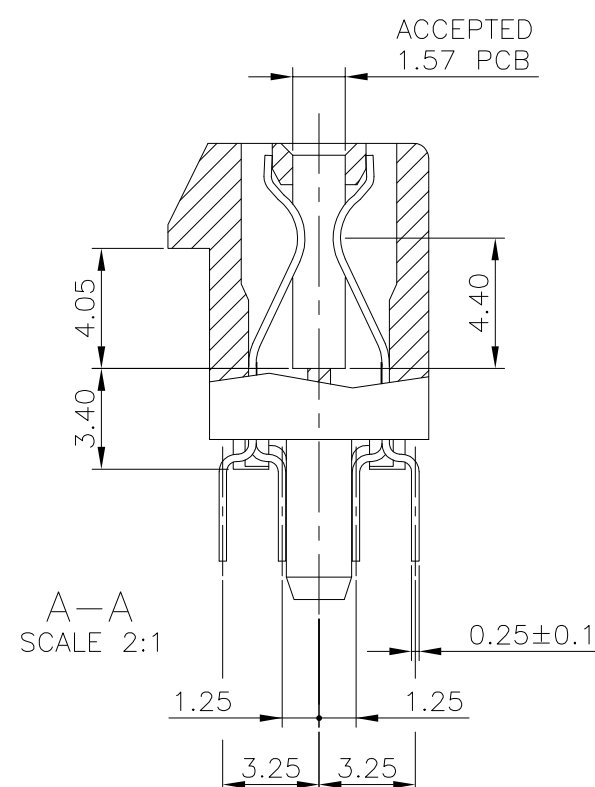
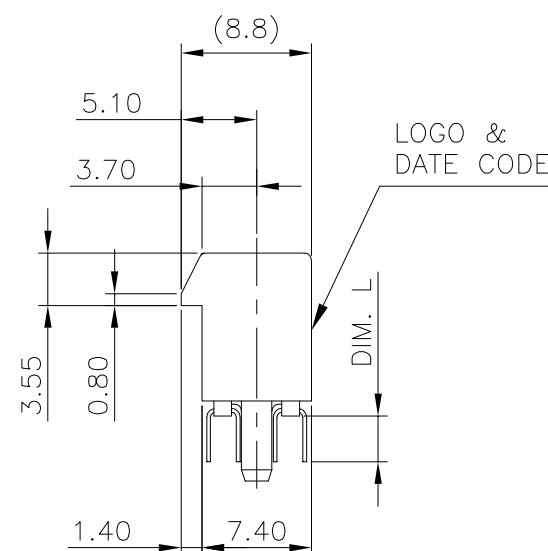
C

C



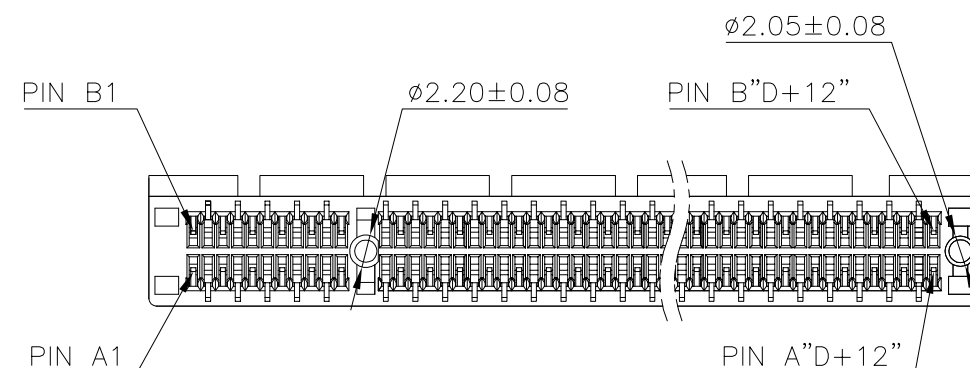
B

B



A

A



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

CHK

APVD

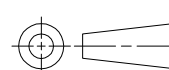
PRODUCT SPEC

APPLICATION SPEC

WEIGHT

SEE NOTE 4

CUSTOMER DRAWING

DIMENSIONS:
MMTOLERANCES UNLESS
OTHERWISE SPECIFIED:0 PLC ± -
1 PLC ± 0.3
2 PLC ± 0.2
3 PLC ± 0.15
4 PLC ± -
ANGLES ± 3°

MATERIAL

SEE NOTE

FINISH

SEE NOTE



TE Connectivity

NAME

PCI EXPRESS CARD EDGE CONNECTOR
VERTICAL, DIP TYPE, 3GIO

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779C-1734774

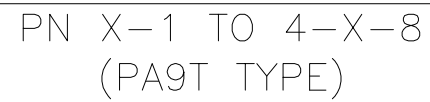
SCALE

SHEET

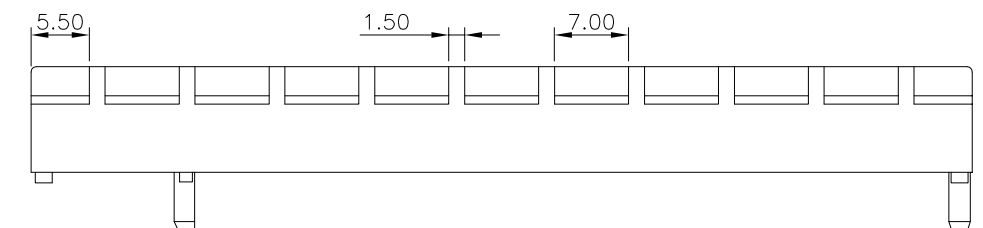
2 OF 5

REV

G



36 POS.



CUSTOMER DRAWING

0 PLC	$\pm -$
1 PLC	± 0.25
2 PLC	± 0.25
3 PLC	± 0.25
4 PLC	$\pm -$
ANGLES	$\pm -$

MATERIAL

ANGLES
FINISH

TE Connectivity

PCI EXPRESS CARD EDGE CONNECTOR
VERTICAL, DIP TYPE, 3GIO

RESTRICTED TO

C-1734774

REV	G
-----	---

4

3

2

1

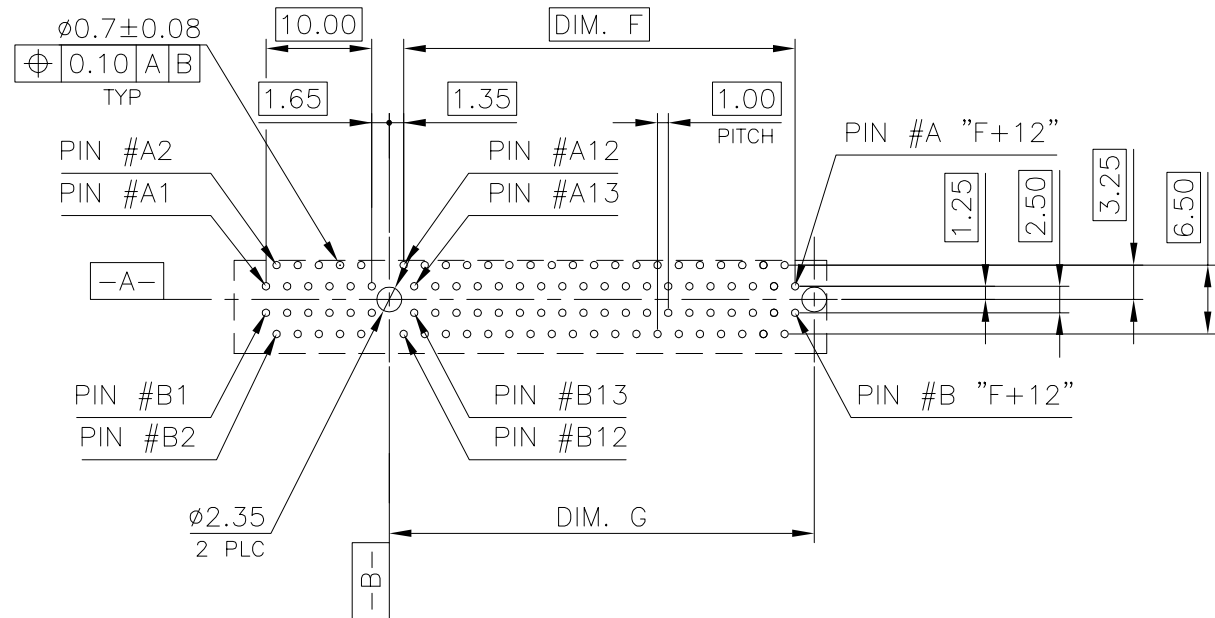
LOC	DIST	REVISIONS				
DW		P	LTR	DESCRIPTION	DATE	DWN
				SEE SHEET 1.		

D

D

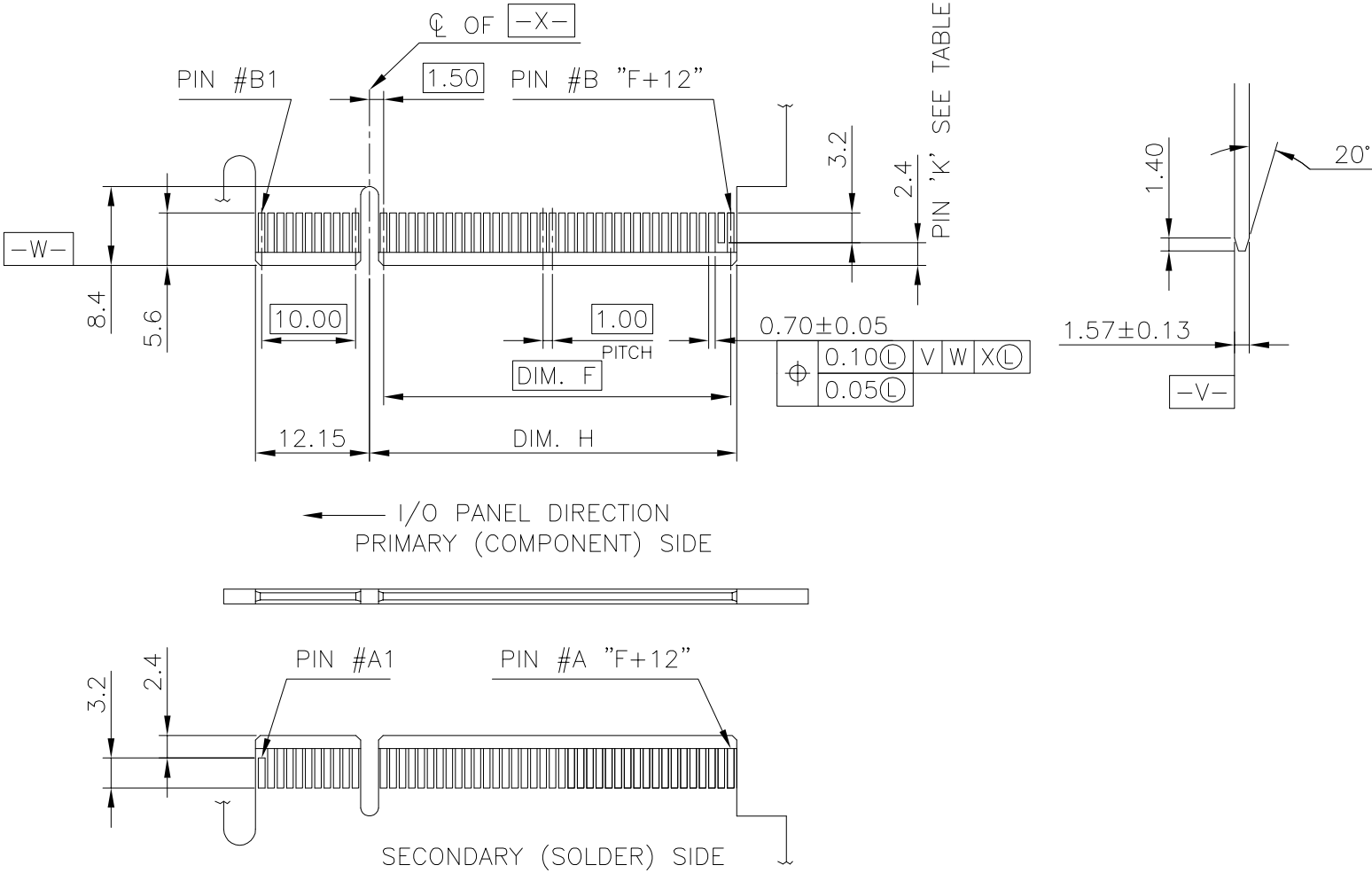
ADD-IN CARD EDGE-FINGER DIMENSIONS

NOTES:
CHAMFER EDGE MUST BE FREE OF CUTTING BURRS



RECOMMENDED PCB LAYOUT

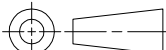
TOLERANCE: ±0.05
FOR DIM.L=3.1mm PCB THICKNESS: 2.4mm
FOR DIM.L=2.3mm PCB THICKNESS: 1.6mm



164	70.0	73.15	72.15	A1, B17, B31, B48, B81
98	37.0	40.15	39.15	A1, B17, B31, B48
64	20.0	23.15	22.15	A1, B17, B31
36	6.0	9.15	8.15	A1, B17
POS.	DIM. F	DIM. G	DIM. H	"K"

A

A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN —		 TE Connectivity	
DIMENSIONS: MM		CHK —			
		APVD —		NAME PCI EXPRESS CARD EDGE CONNECTOR VERTICAL, DIP TYPE, 3GIO	
		PRODUCT SPEC —			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC —		SIZE	
0 PLC ± —		WEIGHT —		CAGE CODE	
1 PLC ± —		CUSTOMER DRAWING		DRAWING NO	
2 PLC ± —				RESTRICTED TO	
3 PLC ± —		A300779		© 1734774	
4 PLC ± —		SCALE —		SHEET	
ANGLES ± —		SHEET		4 OF 5	
MATERIAL —		REV		G	
FINISH —					

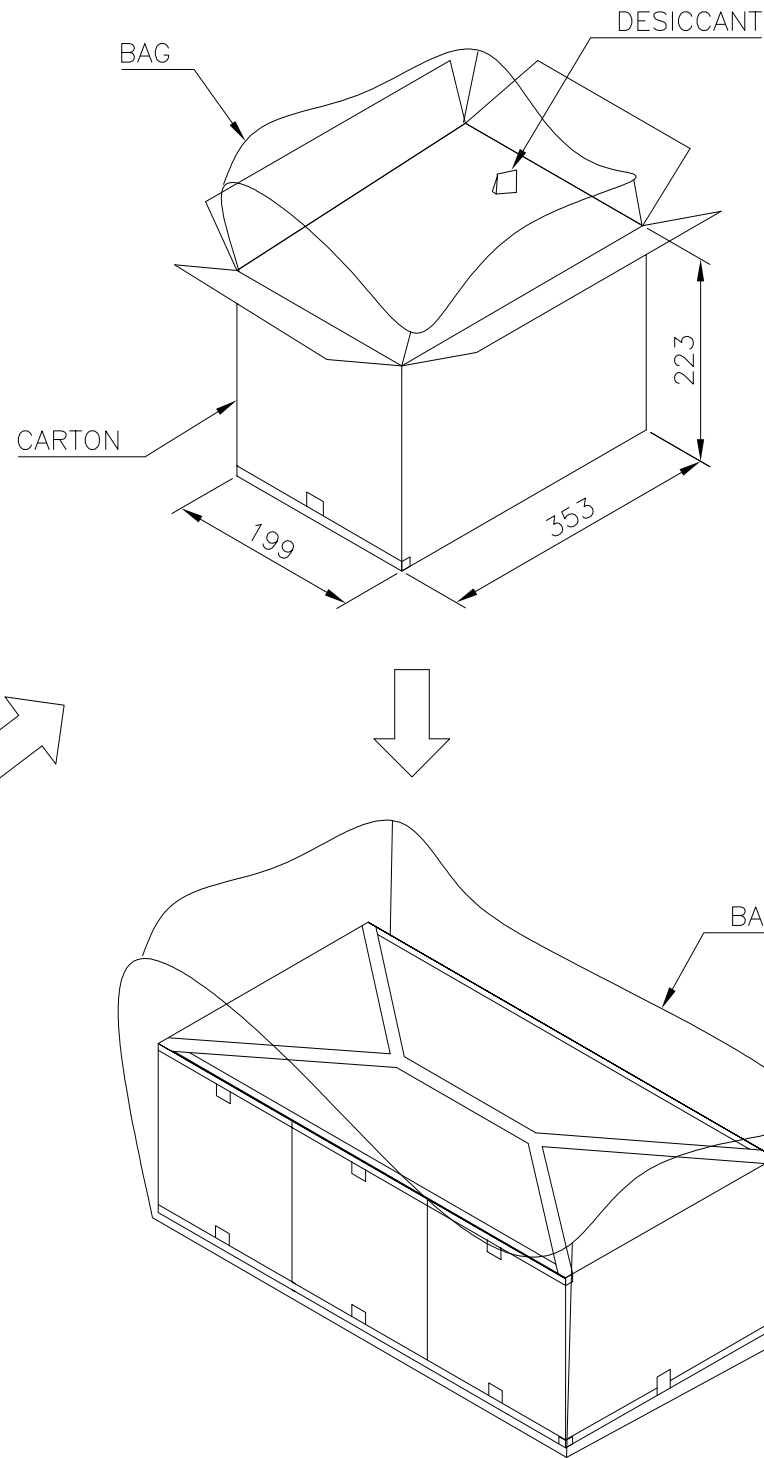
4

3

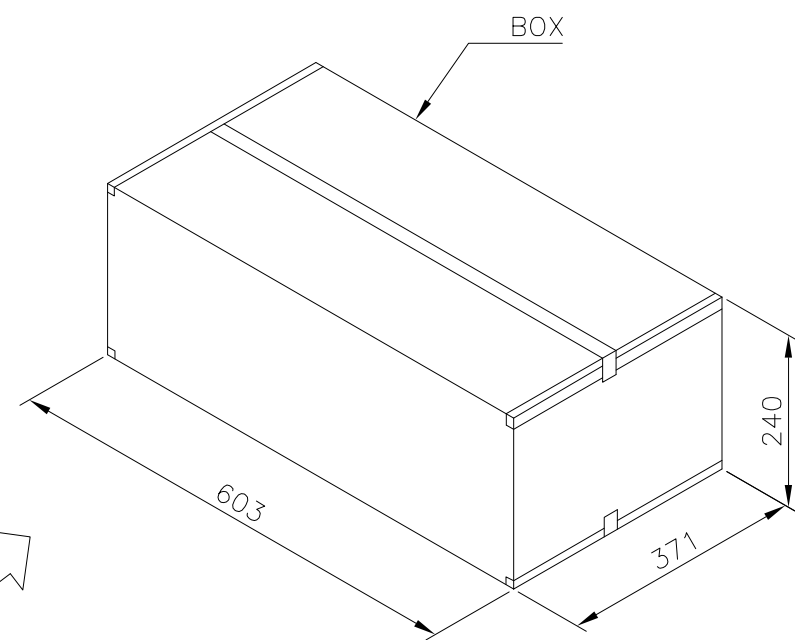
2

1

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



- NOTES :
- MATERIAL :
TRAY : PVC, COLOR: TRANSPARENT.
CARTON: CORRUGATED FIBER
BOX: CORRUGATED FIBER
 - DIMENSION :
TRAY: SEE DRAWING
CARTON: SEE DRAWING
BOX : SEE DRAWING
 - QUANTITY : SEE TABLE
 - WEIGHT : SEE TABLE



10.2 Kg	8.2 Kg	30	10	3	900	164
9.0 Kg	7.0 Kg	40	10	3	1200	98
8.5 Kg	6.5 Kg	60	10	3	1800	64
7.6 Kg	5.6 Kg	70	10	3	2100	36
GROSS WEIGHT	NET WEIGHT	PCS/ TRAY	TRAY/ CARTON	CARTON/ BOX	PCS/ BOX	POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity PCI EXPRESS CARD EDGE CONNECTOR VERTICAL, DIP TYPE, 3GIO			
DIMENSIONS: MM		CHK				
		APVD				
		PRODUCT SPEC				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	NAME			
0 PLC ± -		WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
1 PLC ± -		CUSTOMER DRAWING	A3		00779	©=1734774
2 PLC ± -		SCALE	—		SHEET	5 of 5
3 PLC ± -		REV	—		G	
4 PLC ± -						
ANGLES ± -						
FINISH						
MATERIAL						