

D

8.7	GEN II & GEN III	 PA9T	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
2.55				7.35	6	9.15	25	7.65	36	WHITE		4-1734774-5
										BLACK		4-1734774-4
8.7				71.35	70	73.15	89	71.65	164	WHITE		4-1734774-3
										BLACK	4-1734774-2	
5.45				38.35	37	40.15	56	38.65	98	WHITE	4-1734774-1	
										BLACK	4-1734774-0	
3.85				21.35	20	23.15	39	21.65	64	BLACK	3-1734774-9	
										WHITE	3-1734774-8	
2.55				7.35	6	9.15	25	7.65	36	BLACK	3-1734774-7	
										WHITE	3-1734774-6	
8.7				71.35	70	73.15	89	71.65	164	BLACK	3-1734774-5	
										WHITE	3-1734774-4	
5.45				38.35	37	40.15	56	38.65	98	BLACK	3-1734774-3	
										WHITE	3-1734774-2	
3.85				21.35	20	23.15	39	21.65	64	BLACK	3-1734774-1	
										WHITE	3-1734774-0	
2.55				7.35	6	9.15	25	7.65	36	BLACK	2-1734774-9	
										WHITE	2-1734774-8	
8.7				71.35	70	73.15	89	71.65	164	BLACK	2-1734774-7	
										WHITE	2-1734774-6	
5.45				38.35	37	40.15	56	38.65	98	BLACK	2-1734774-5	
	WHITE	2-1734774-4										
3.85	21.35	20	23.15	39	21.65	64	BLACK	2-1734774-3				
							WHITE	2-1734774-2				
2.55	7.35	6	9.15	25	7.65	36	BLACK	2-1734774-1				
							WHITE	2-1734774-0				
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										BLACK		9-1734774-5
2.55										WHITE		9-1734774-4
										WHITE		9-1734774-3
8.8										BLACK		9-1734774-2
										WHITE	9-1734774-1	
5.5				BLACK	9-1734774-0							
				WHITE	8-1734774-9							
3.9				21.35	20	23.15	39	21.65	64	BLACK	G/F	8-1734774-8
										WHITE	G/F	8-1734774-7
2.55				7.35	6	9.15	25	7.65	36	BLACK	15u"	8-1734774-6
										WHITE	G/F	8-1734774-5
8.8				71.35	70	73.15	89	71.65	164	BLACK	15u"	8-1734774-4
										WHITE	G/F	8-1734774-3
5.5				38.35	37	40.15	56	38.65	98	BLACK	15u"	8-1734774-2
										WHITE	G/F	8-1734774-1
3.9				21.35	20	23.15	39	21.65	64	BLACK	15u"	8-1734774-0
										WHITE	G/F	8-1734774-9
2.55				7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-8
										WHITE	G/F	7-1734774-7
8.8				71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-6
										WHITE	G/F	7-1734774-5
5.5				38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-4
	WHITE	G/F	7-1734774-3									
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-4			
							WHITE	G/F	7-1734774-3			
8.8	71.35	70	73.15	89	71.65	164	BLACK	15u"	7-1734774-2			
							WHITE	G/F	7-1734774-1			
5.5	38.35	37	40.15	56	38.65	98	BLACK	15u"	7-1734774-0			
							WHITE	G/F	7-1734774-9			
3.9	21.35	20	23.15	39	21.65	64	BLACK	15u"	7-1734774-8			
							WHITE	G/F	7-1734774-7			
2.55	7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-6			
							WHITE	G/F	7-1734774-5			

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

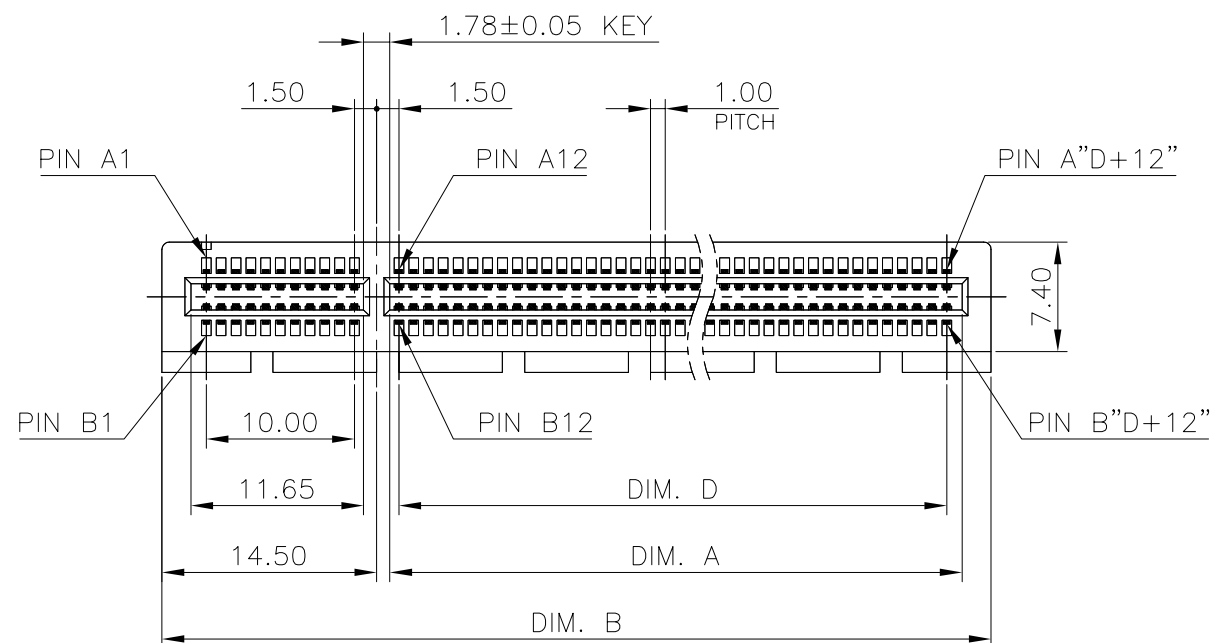
98 POS.: 5.50 GRAMS; 164 POS.: 8.80 GRAMS

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)

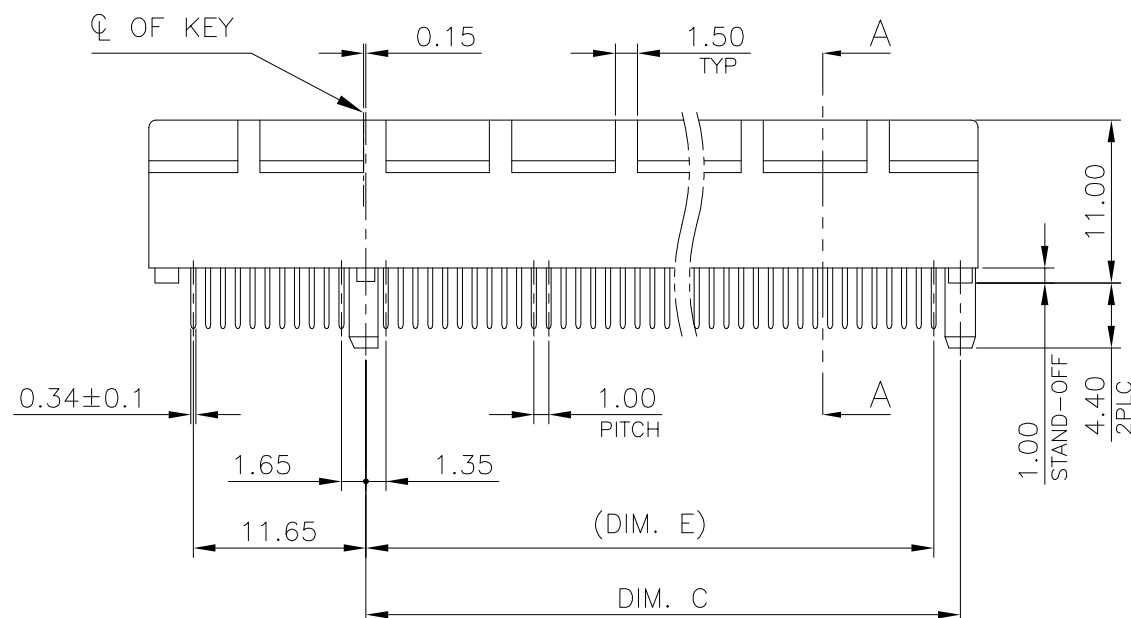
D

D



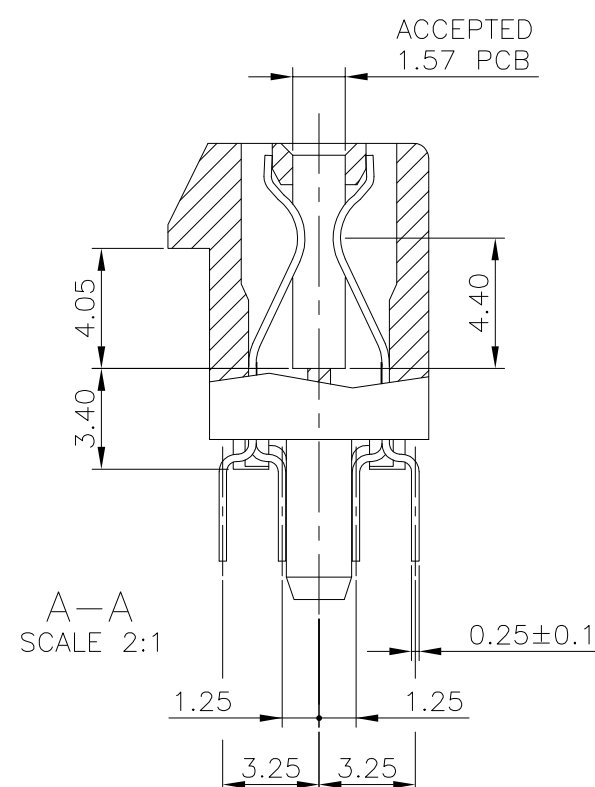
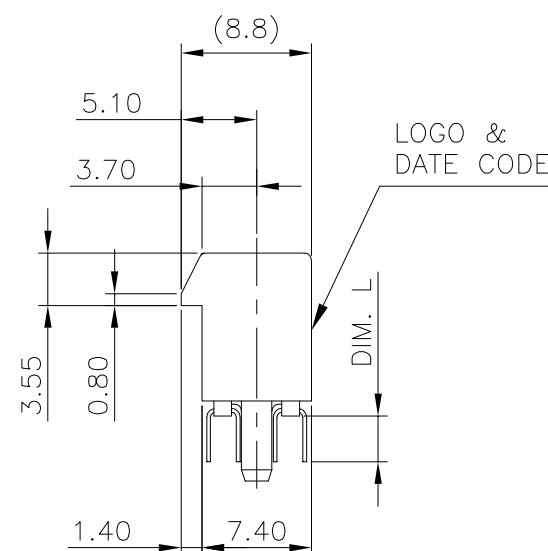
C

C



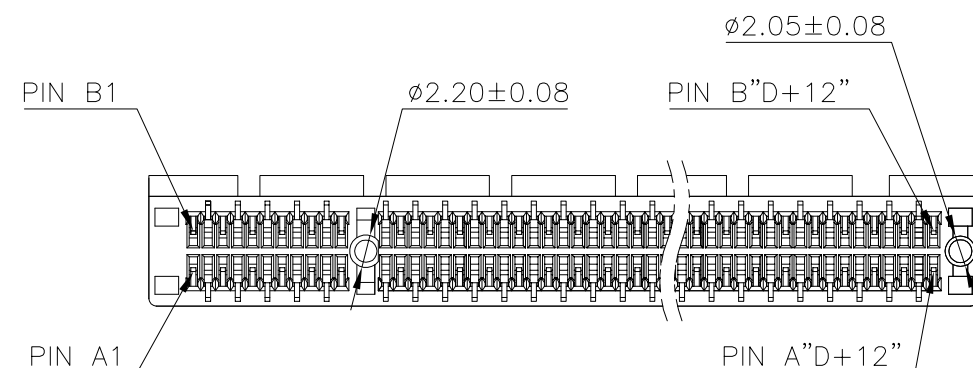
B

B



A

A



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

CHK

APVD

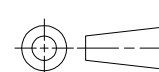
PRODUCT SPEC

APPLICATION SPEC

WEIGHT

SEE NOTE 4

CUSTOMER DRAWING

DIMENSIONS:
MM

MATERIAL

SEE NOTE

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

FINISH

SEE NOTE



TE Connectivity

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779C-1734774

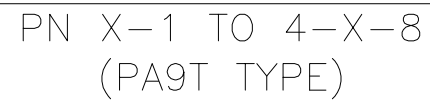
SCALE

SHEET

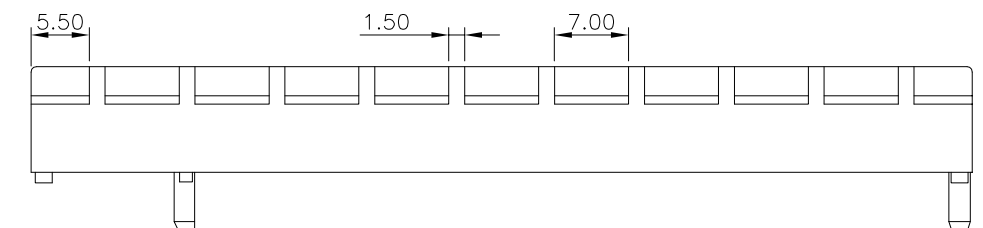
2 OF 5

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	QTY	UNIT	PRICE	TOTAL
1000	100	100	100	100
2000	200	200	200	200
3000	300	300	300	300
4000	400	400	400	400
5000	500	500	500	500
6000	600	600	600	600
7000	700	700	700	700
8000	800	800	800	800
9000	900	900	900	900
10000	1000	1000	1000	1000
11000	1100	1100	1100	1100
12000	1200	1200	1200	1200
13000	1300	1300	1300	1300
14000	1400	1400	1400	1400
15000	1500	1500	1500	1500
16000	1600	1600	1600	1600
17000	1700	1700	1700	1700
18000	1800	1800	1800	1800
19000	1900	1900	1900	1900
20000	2000	2000	2000	2000
21000	2100	2100	2100	2100
22000	2200	2200	2200	2200
23000	2300	2300	2300	2300
24000	2400	2400	2400	2400
25000	2500	2500	2500	2500
26000	2600	2600	2600	2600
27000	2700	2700	2700	2700
28000	2800	2800	2800	2800
29000	2900	2900	2900	2900
30000	3000	3000	3000	3000
31000	3100	3100	3100	3100
32000	3200	3200	3200	3200
33000	3300	3300	3300	3300
34000	3400	3400	3400	3400
35000	3500	3500	3500	3500
36000	3600	3600	3600	3600
37000	3700	3700	3700	3700
38000	3800	3800	3800	3800
39000	3900	3900	3900	3900
40000	4000	4000	4000	4000
41000	4100	4100	4100	4100
42000	4200	4200	4200	4200
43000	4300	4300	4300	4300
44000	4400	4400	4400	4400
45000	4500	4500	4500	4500
46000	4600	4600	4600	4600
47000	4700	4700	4700	4700
48000	4800	4800	4800	4800
49000	4900	4900	4900	4900
50000	5000	5000	5000	5000
51000	5100	5100	5100	5100
52000	5200	5200	5200	5200
53000	5300	5300	5300	5300
54000	5400	5400	5400	5400
55000	5500	5500	5500	5500
56000	5600	5600	5600	5600
57000	5700	5700	5700	5700
58000	5800	5800	5800	5800
59000	5900	5900	5900	5900
60000	6000	6000	6000	6000
61000	6100	6100	6100	6100
62000	6200	6200	6200	6200
63000	6300	6300	6300	6300
64000	6400	6400	6400	6400
65000	6500	6500	6500	6500
66000	6600	6600	6600	6600
67000	6700	6700	6700	6700
68000	6800	6800	6800	6800
69000	6900	6900	6900	6900
70000	7000	7000	7000	7000
71000	7100			

ANGLES
FINISH

CUSTOMER DRAWING

TE Connectivity

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

RESTRICTED TO

A300779C-1734774

REV G

4

3

2

1

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

D

D

C

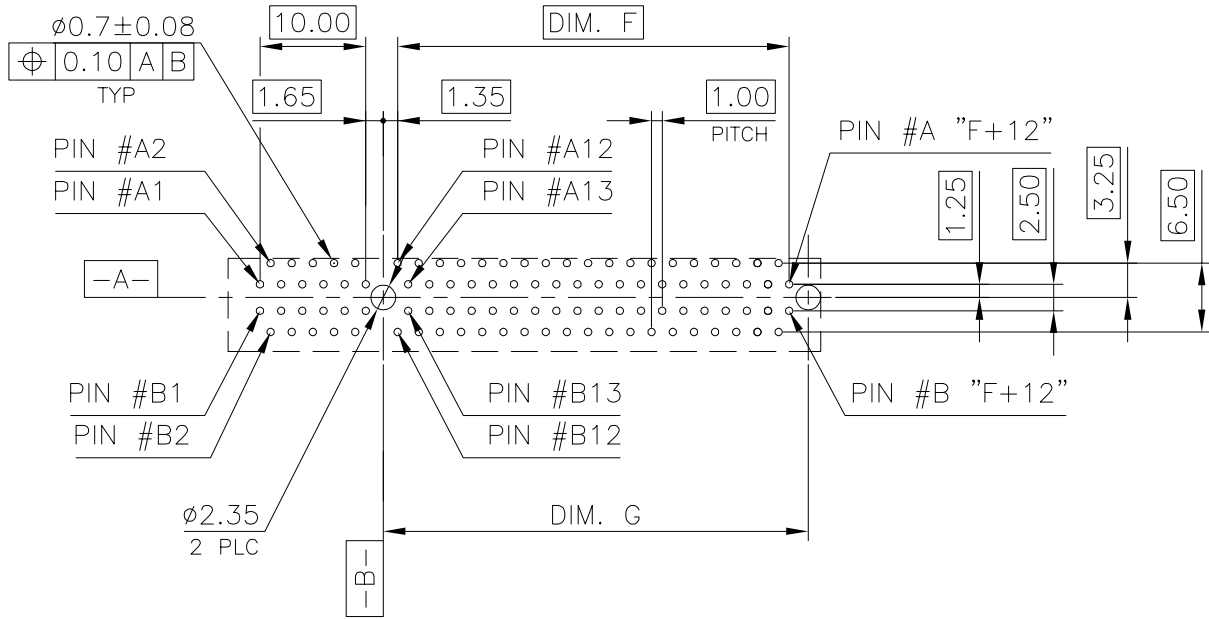
C

B

B

A

A

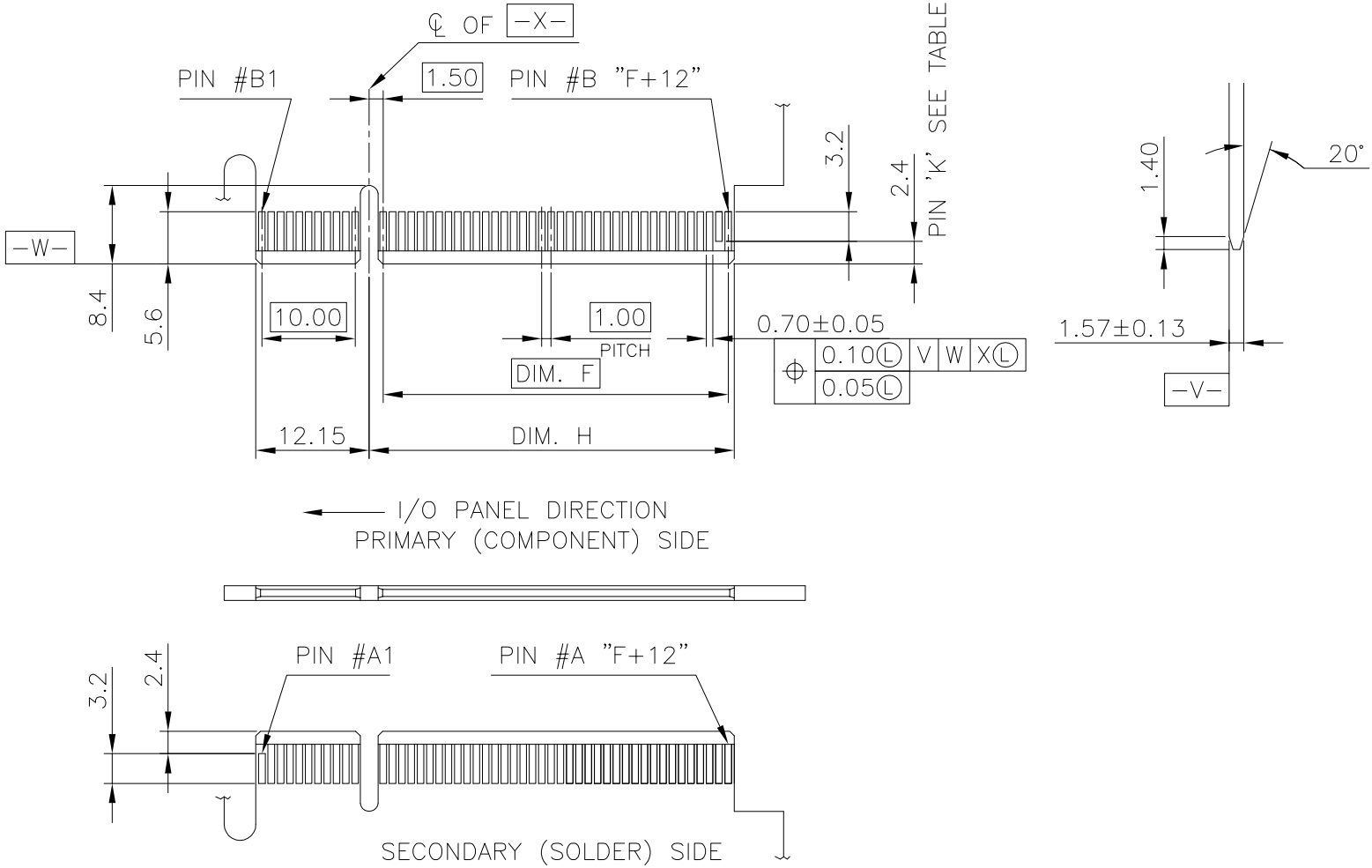


RECOMMENDED PCB LAYOUT

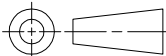
TOLERANCE: ± 0.05
FOR DIM.L=3.1mm PCB THICKNESS: 2.4mm
FOR DIM.L=2.3mm PCB THICKNESS: 1.6mm

ADD-IN CARD EDGE-FINGER DIMENSIONS

NOTES:
CHAMFER EDGE MUST BE FREE OF CUTTING BURRS



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"

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

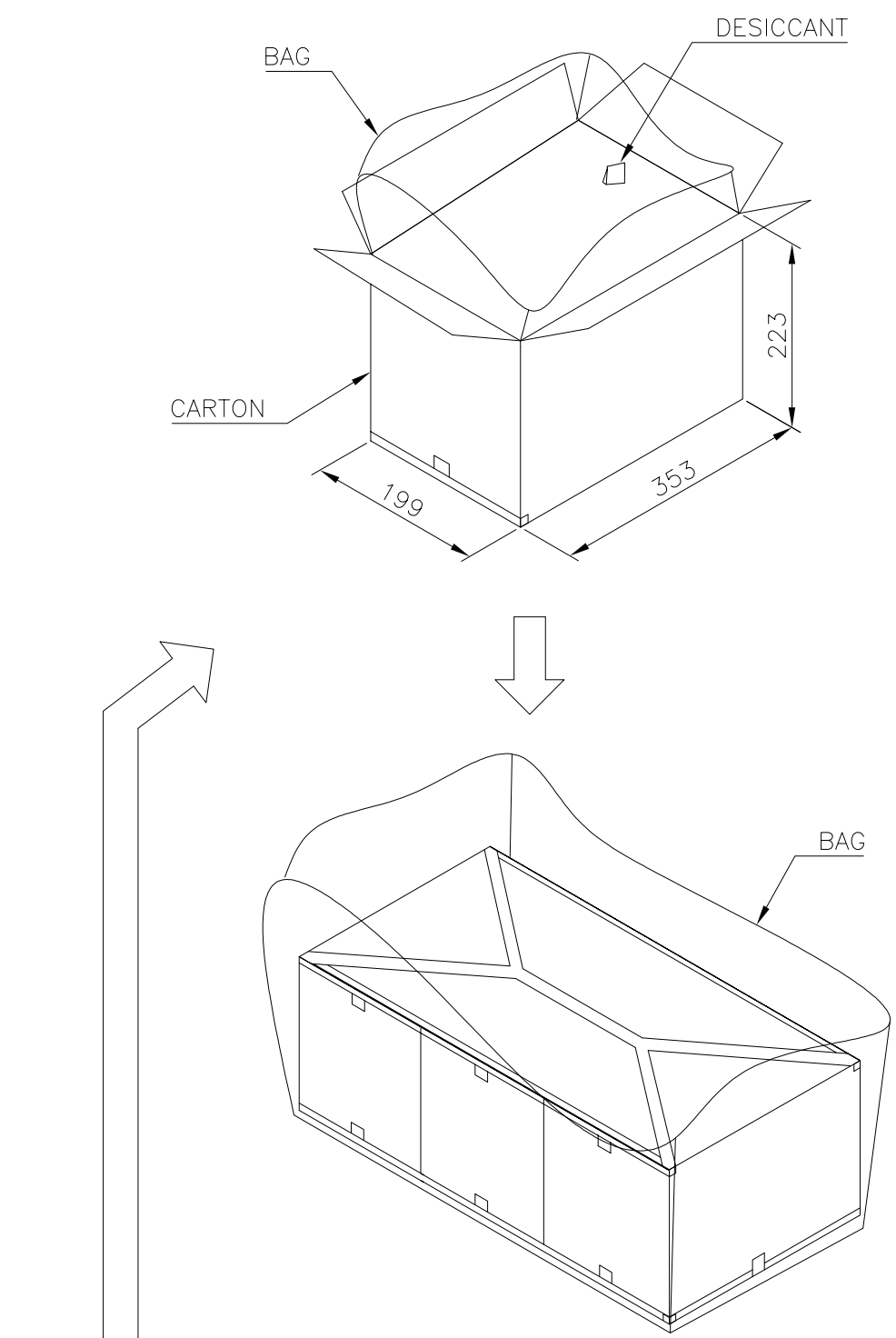
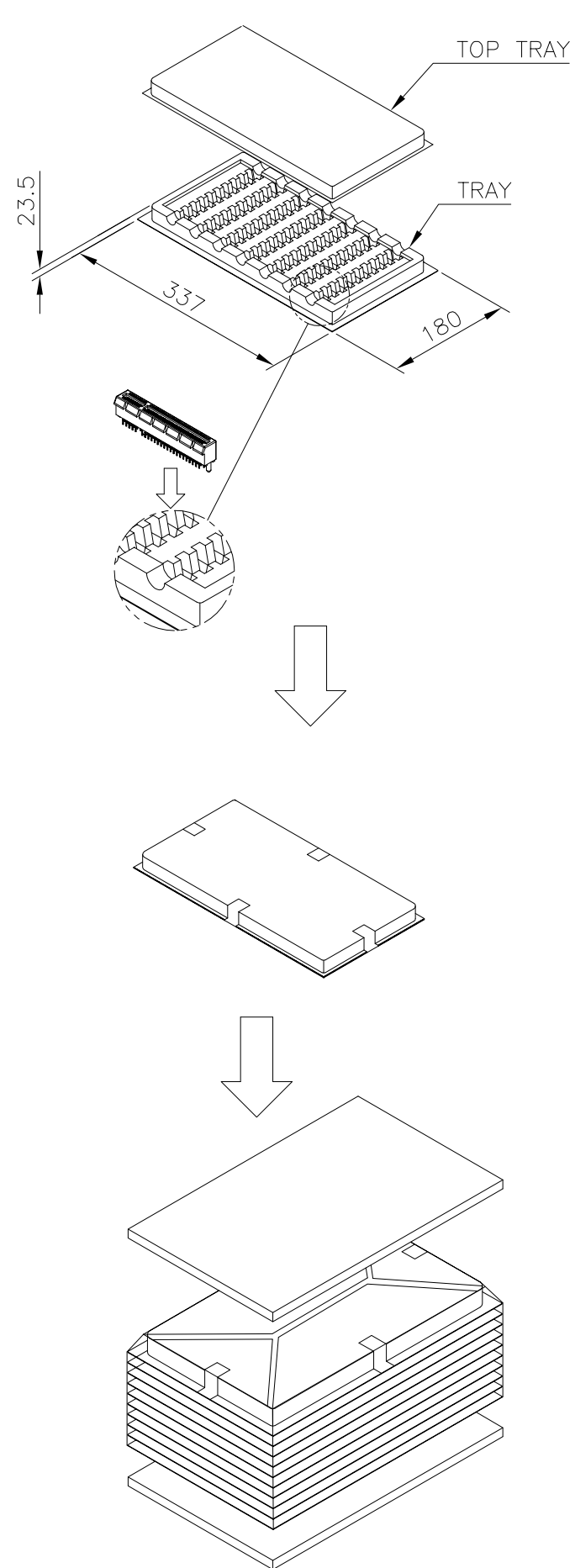
4

3

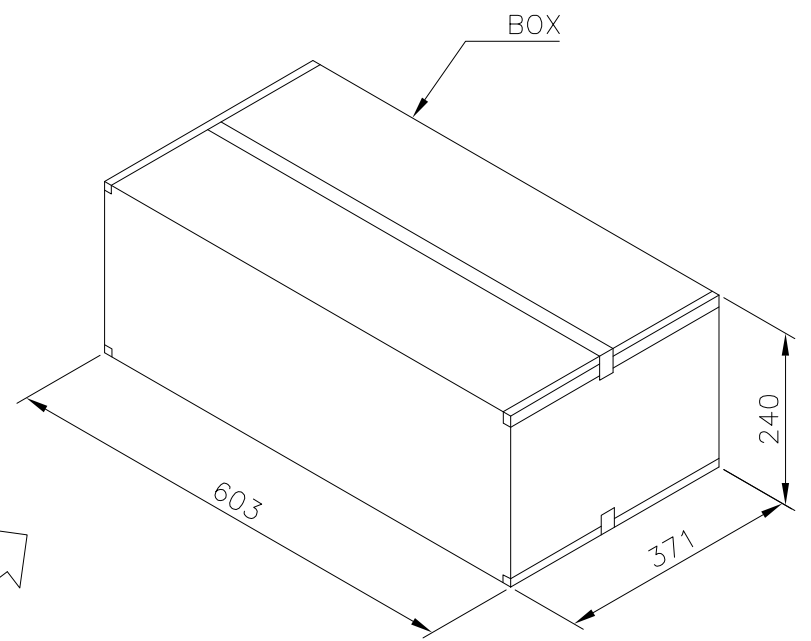
2

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.

DIMENSIONS: MM

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C=1734774

SCALE

SHEET 5 of 5

REV G

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1-1734774-6](#)