

4

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AUG ,2006.

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

F1

REVISED (ECR-09-015898)

15JUL09

BH

WK

NOTE:

1. MATERIAL:

HOUSING: 1.PA46 UL 94V-0, COLOR: (SEE TABLE).

2.PA9T UL 94V-0, COLOR: (SEE TABLE).

CONTACTS: PHOSPHOR BRONZE.

2. FINISH:

CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA,
2.54um [100u"] MIN. MATTE-TIN ON SOLDER TAIL,
WITH ENTIRE CONTACT UNDERPLATED 1.27um [50u"] MIN. NICKEL.

3. PIN-IN-PASTE CAPABLE TO 265°C IN ACCORDANCE WITH TEST SPECIFICATIONS 109-201 AND 109-202.

4. CONNECTOR HAS MET THE REQUIREMENTS PER PCI EXPRESS GEN 2 TECHNICAL DOCUMENT.

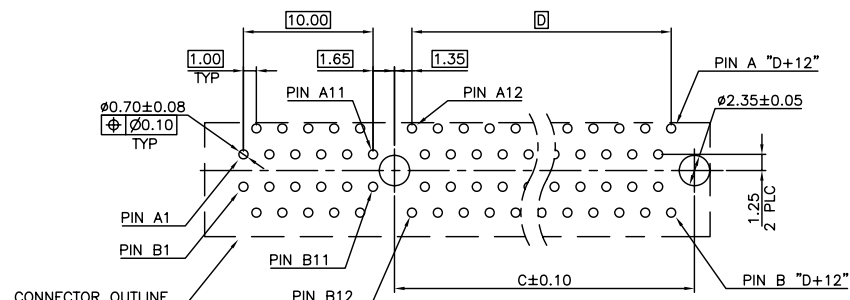
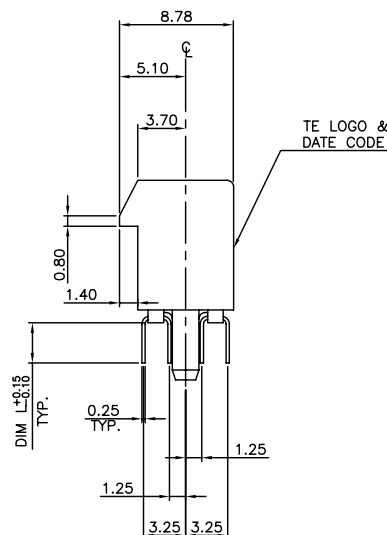
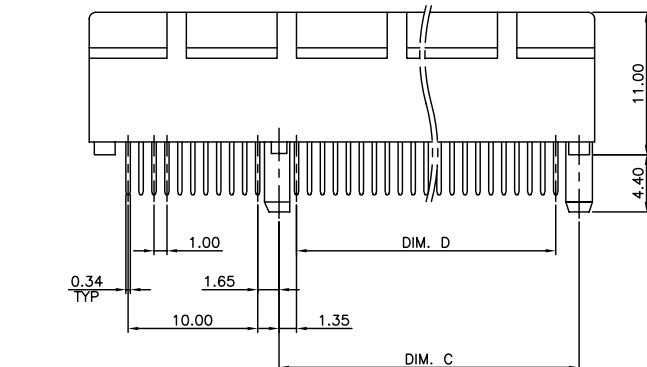
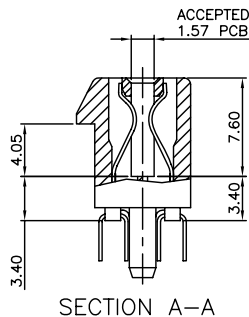
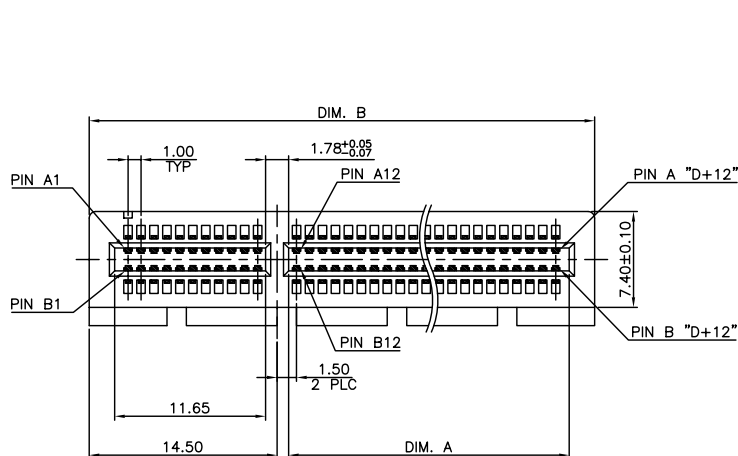
5. WEIGHT:

36 POS.: 2.55 GRAMS

64 POS.: 3.90 GRAMS

98 POS.: 5.50 GRAMS

164 POS.: 8.80 GRAMS

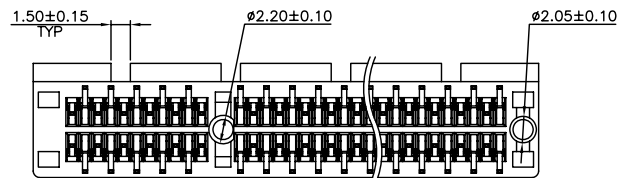


RECOMMENDED PCB LAYOUT

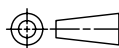
TOLERANCE: ± 0.05 ,

FOR DIM.L=3.1mm PCB THICKNESS: 2.4mm

FOR DIM.L=2.3mm PCB THICKNESS: 1.6mm



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DIMENSIONS:
MM

MATERIAL

SEE NOTE

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	$\pm -$
1 PLC	± 0.30
2 PLC	± 0.20
3 PLC	± 0.15
4 PLC	$\pm -$
ANGLES	$\pm -$

FINISH

SEE NOTE

DWN

B. HSING

15JUL2009

CHK

S. CHIEN

15JUL2009

APVD

W. KODAMA

PRODUCT SPEC

108-57351

QUALIFICATION TEST REPORT

501-57446

WEIGHT

SEE NOTE 4

CUSTOMER DRAWING

Tyco Electronics Corporation
Taipei, Taiwan

NAME

PCI EXPRESS CARD EDGE
V-TYPE, 3GIO

SIZE

CAGE CODE

DRAWING NO

A300779

C=1734774

RESTRICTED TO

-

SCALE

-

SHEET

1 OF 4

REV

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SEE SHEET 1.

PA9T	2.3	70	73.15	89	71.65	164	BLACK	30μ"	4-1734774-8
							WHITE		4-1734774-7
		37	40.15	56	38.65	98	BLACK		4-1734774-6
							WHITE		4-1734774-5
		20	23.15	39	21.65	64	BLACK	30μ"	4-1734774-4
							WHITE		4-1734774-3
		6	9.15	25	7.65	36	BLACK		4-1734774-2
							WHITE		4-1734774-1
		70	73.15	89	71.65	164	BLACK	15μ"	4-1734774-0
							G/F	3-1734774-9	
							15μ"	3-1734774-8	
							G/F	3-1734774-7	
	3.1	37	40.15	56	38.65	98	BLACK	15μ"	3-1734774-6
							G/F	3-1734774-5	
							15μ"	3-1734774-4	
							G/F	3-1734774-3	
		20	23.15	39	21.65	64	BLACK	15μ"	3-1734774-2
							G/F	3-1734774-1	
							15μ"	3-1734774-0	
							G/F	2-1734774-9	
		6	9.15	25	7.65	36	BLACK	15μ"	2-1734774-8
							G/F	2-1734774-7	
							15μ"	2-1734774-6	
							G/F	2-1734774-5	
PA9T	2.3	70	73.15	89	71.65	164	BLACK	30μ"	2-1734774-4
							WHITE		2-1734774-3
		37	40.15	56	38.65	98	BLACK		2-1734774-2
							WHITE		2-1734774-1
		20	23.15	39	21.65	64	BLACK	30μ"	2-1734774-0
							WHITE		1-1734774-9
		6	9.15	25	7.65	36	BLACK		1-1734774-8
							WHITE		1-1734774-7
		70	73.15	89	71.65	164	BLACK	15μ"	1-1734774-6
							G/F	1-1734774-5	
							15μ"	1-1734774-4	
							G/F	1-1734774-3	
	3.1	37	40.15	56	38.65	98	BLACK	15μ"	1-1734774-2
							G/F	1-1734774-1	
							15μ"	1-1734774-0	
							G/F	1734774-9	
		20	23.15	39	21.65	64	BLACK	15μ"	1734774-8
							G/F	1734774-7	
							15μ"	1734774-6	
							G/F	1734774-5	
		6	9.15	25	7.65	36	BLACK	15μ"	1734774-4
							G/F	1734774-3	
							15μ"	1734774-2	
							G/F	1734774-1	

HOUSING MATERIAL

DIM L

DIM D

DIM C

DIM B

DIM A

POS.

HOUSING COLOR

MIN. GOLD THICKNESS

PART NUMBER

PA46	2.3	70	73.15	89	71.65	164	BLACK	30μ"	9-1734774-7
							WHITE		9-1734774-6
		37	40.15	56	38.65	98	BLACK		9-1734774-5
							WHITE		9-1734774-4
		20	23.15	39	21.65	64	BLACK	30μ"	9-1734774-3
							WHITE		9-1734774-2
		6	9.15	25	7.65	36	BLACK		9-1734774-1
							WHITE		9-1734774-0
		70	73.15	89	71.65	164	BLACK	15μ"	8-1734774-9
							G/F	8-1734774-8	
							15μ"	8-1734774-7	
							G/F	8-1734774-6	
	3.1	37	40.15	56	38.65	98	BLACK	15μ"	8-1734774-5
							G/F	8-1734774-4	
							15μ"	8-1734774-3	
							G/F	8-1734774-2	
		20	23.15	39	21.65	64	BLACK	15μ"	8-1734774-1
							G/F	8-1734774-0	
							15μ"	7-1734774-9	
							G/F	7-1734774-8	
		6	9.15	25	7.65	36	BLACK	15μ"	7-1734774-7
							G/F	7-1734774-6	
							15μ"	7-1734774-5	
							G/F	7-1734774-4	
PA46	2.3	70	73.15	89	71.65	164	BLACK	30μ"	7-1734774-3
							WHITE		7-1734774-2
		37	40.15	56	38.65	98	BLACK		7-1734774-1
							WHITE		7-1734774-0
		20	23.15	39	21.65	64	BLACK	30μ"	6-1734774-9
							WHITE		6-1734774-8
		6	9.15	25	7.65	36	BLACK		6-1734774-7
							WHITE		6-1734774-6
		70	73.15	89	71.65	164	BLACK	15μ"	6-1734774-5
							G/F	6-1734774-4	
							15μ"	6-1734774-3	
							G/F	6-1734774-2	
	3.1	37	40.15	56	38.65	98	BLACK	15μ"	6-1734774-1
							G/F	6-1734774-0	
							15μ"	5-1734774-9	
							G/F	5-1734774-8	
		20	23.15	39	21.65	64	BLACK	15μ"	5-1734774-7
							G/F	5-1734774-6	
							15μ"	5-1734774-5	
							G/F	5-1734774-4	
		6	9.15	25	7.65	36	BLACK	15μ"	5-1734774-3
							G/F	5-1734774-2	
							15μ"	5-1734774-1	
							G/F	5-1734774-0	

HOUSING MATERIAL

DIM L

DIM D

DIM C

DIM B

DIM A

POS.

HOUSING COLOR

MIN. GOLD THICKNESS

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

—

CUSTOMER DRAWING

Tyco Electronics

Tyco Electronics Corporation
Taipei, Taiwan

NAME

PCI EXPRESS CARD EDGE
V-TYPE, 3GIO

SIZE

CAGE CODE

DRAWING NO

A3

00779

C=1734774

RESTRICTED TO

SCALE

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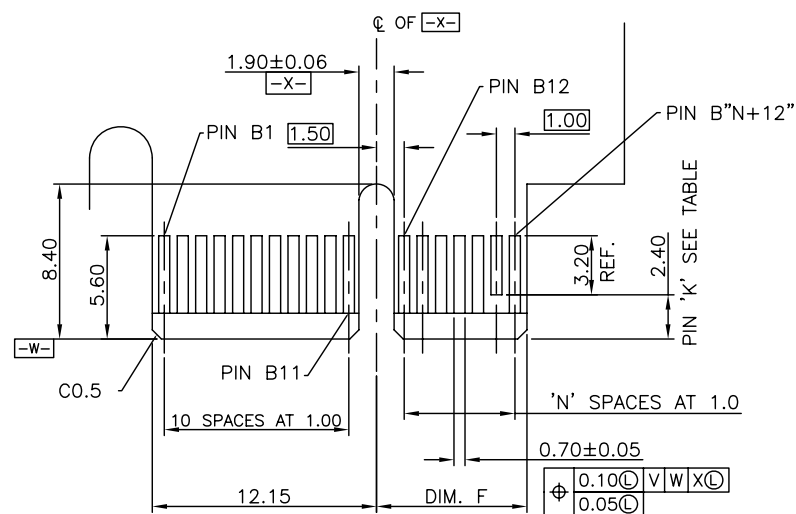
SHEET

2 OF 4

REV

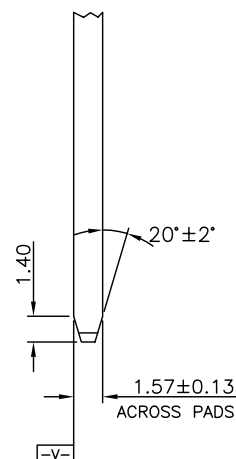
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SEE SHEET 1.

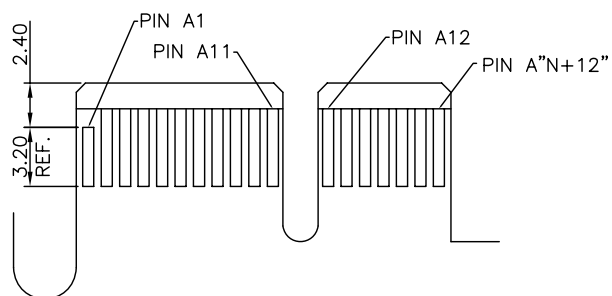


I/O PANEL DIRECTION

PRIMARY (COMPONENT) SIDE



1. NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND "K"
2. CHAMFER EDGE MUST BE FREE OF CUTTING BURRS



SECONDARY (SOLDER) SIDE

164	70	72.15	B17,B31,B48,B81
98	37	39.15	B17,B31,B48
64	20	22.15	B17,B31
36	6	8.15	B17
POS.	N	DIM. F	"k"

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	DWN
--	-----

CHK

APVD

PRODUCT SPEC

—
APPLICATION SPEC

--	--

CUSTOMER DRAWING



Tyco Electronics

Tyco Electronics Corporation
Taipei, Taiwan

NAME

PCI EXPRESS CARD EDGE
V-TYPE, 3GIO

SIZE	
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CAGE CODE

E	DRAWING NO
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g|C-1734774

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REV 1

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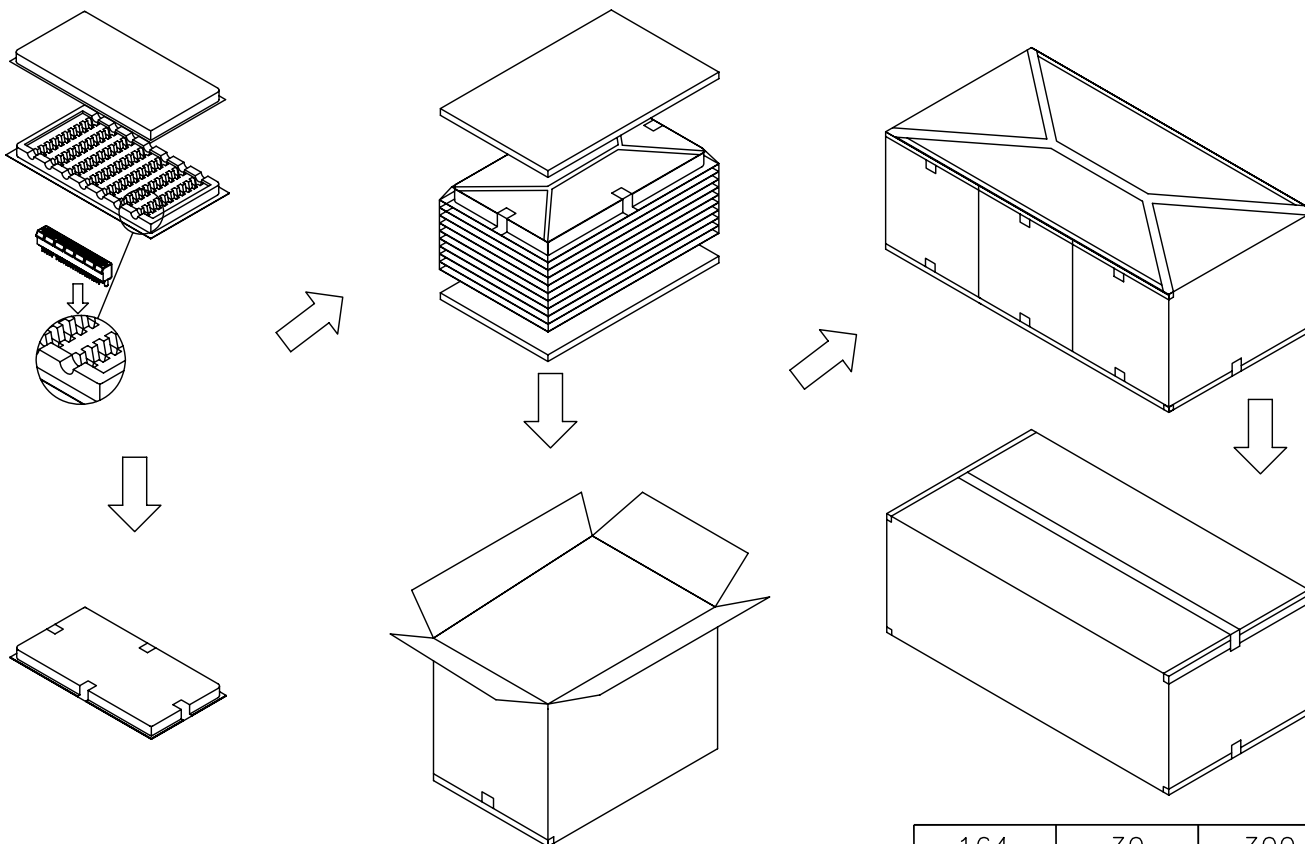
DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.



NOTES:

1. TRAY : PVC, SIZE: 337mm(L)X 180mm(W)X 23.5mm(H).
2. INNER BOX : CORRUGATED, SIZE: 353mm(L)X 199mm(W)X 223mm(H).
3. INNER BOX TRANSPARENT BAG SIZE: PE, SIZE: 560mm(L)X 400mm(W)X 0.05mm(H).
4. E.P.E SIZE: 336mm(L)X 182mm(W)X 8mm(H).
5. BOX TRANSPARENT BAG : (PE), SIZE: 600mm(L)X 590mm(W)X 0.06mm(H).
6. BOX : CORRUGATED, SIZE: 603mm(L)X 371mm(W)X 240mm(H).
7. QUANTITY: SEE TABLE

164	30	300	900	8.2	10.2
98	40	400	1200	7.0	9.0
64	60	600	1800	6.5	8.5
36	70	700	2100	5.6	7.6
POS NO.	PIECES PER TRAY	PIECES PER INNER BOX	PIECES PER BOX	NET WEIGHT (Kg)	GROSS WEIGHT (Kg)

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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

Tyco Electronics Corporation
Taipei, Taiwan

NAME

PCI EXPRESS CARD EDGE
V-TYPE, 3GIO

SIZE

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REV F1