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

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	
8.7	GEN II & GEN III	PA9T	2.30	71.35	70	73.15	89	71.65	164	BLACK	15u"	4-1734774-8	
5.45				38.35	37	40.15	56	38.65	98	WHITE	G/F	3-1734774-9	4-1734774-7
3.85				21.35	20	23.15	39	21.65	64	BLACK	15u"	3-1734774-8	4-1734774-6
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	3-1734774-7	4-1734774-5
8.7				71.35	70	73.15	89	71.65	164	BLACK	15u"	3-1734774-6	4-1734774-4
5.45				38.35	37	40.15	56	38.65	98	WHITE	G/F	3-1734774-5	4-1734774-3
3.85				21.35	20	23.15	39	21.65	64	BLACK	15u"	3-1734774-4	4-1734774-2
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	3-1734774-3	4-1734774-1
8.7				71.35	70	73.15	89	71.65	164	BLACK	15u"	2-1734774-8	4-1734774-0
5.45				38.35	37	40.15	56	38.65	98	WHITE	G/F	2-1734774-7	3-1734774-9
3.85				21.35	20	23.15	39	21.65	64	BLACK	15u"	2-1734774-6	3-1734774-8
2.55				7.35	6	9.15	25	7.65	36	WHITE	G/F	2-1734774-5	3-1734774-7
8.7			71.35	70	73.15	89	71.65	164	BLACK	15u"	2-1734774-4	3-1734774-6	
5.45			38.35	37	40.15	56	38.65	98	WHITE	G/F	2-1734774-3	3-1734774-5	
3.85			21.35	20	23.15	39	21.65	64	BLACK	15u"	2-1734774-2	3-1734774-4	
2.55			7.35	6	9.15	25	7.65	36	WHITE	G/F	2-1734774-1	3-1734774-3	
8.7			71.35	70	73.15	89	71.65	164	BLACK	15u"	1-1734774-8	3-1734774-2	
5.45			38.35	37	40.15	56	38.65	98	WHITE	G/F	1-1734774-7	3-1734774-1	
3.85			21.35	20	23.15	39	21.65	64	BLACK	15u"	1-1734774-6	3-1734774-0	
2.55			7.35	6	9.15	25	7.65	36	WHITE	G/F	1-1734774-5	3-1734774-9	
8.7			71.35	70	73.15	89	71.65	164	BLACK	15u"	1-1734774-4	2-1734774-8	
5.45			38.35	37	40.15	56	38.65	98	WHITE	G/F	1-1734774-3	2-1734774-7	
3.85			21.35	20	23.15	39	21.65	64	BLACK	15u"	1-1734774-2	2-1734774-6	
2.55			7.35	6	9.15	25	7.65	36	WHITE	G/F	1-1734774-1	2-1734774-5	

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	B. HSING	15JUL2009
DIMENSIONS: MM		CHK	S. CHIEN	15JUL2009
		APVD	W. KODAMA	15JUL2009
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
0 PLC	± -	PCI EXPRESS CARD EDGE CONNECTOR VERTICAL, DIP TYPE, 3GIO		
1 PLC	± 0.3	SIZE CAGE CODE DRAWING NO RESTRICTED TO		
2 PLC	± 0.2	A3 00779 C-1734774		
3 PLC	± 0.15	SCALE SHEET 1 OF 5 REV G		
4 PLC	± -			
ANGLES	± 3'			
MATERIAL	FINISH	CUSTOMER DRAWING		

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

- NOTES:
- MATERIAL:
 - HOUSING: 1.PA46 WITH 40% G.F, UL94 V-0, COLOR: SEE TABLE.
2.PA9T WITH 30% GF, UL94 V-0, COLOR: SEE TABLE.
 - CONTACT: PHOSPHOR BRONZE
 - 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.
 - CONNECTOR HAS MET THE REQUIREMENTS PER PCI EXPRESS GEN 2 TECHNICAL DOCUMENT.
 - WEIGHT:

36 POS.: 2.55 GRAMS; 64 POS.: 3.90 GRAMS
98 POS.: 5.50 GRAMS; 164 POS.: 8.80 GRAMS
 - WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC. 109-202 CONDITION B.
 ⚠️ REFLOW SOLDER CAPABLE TO 260°C PER TEST SPEC. 109-201 CONDITION B.
 (REFLOW SOLDERING PLEASE USE PN : 1734774-1 TO 4-1734774-8)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity		
DIMENSIONS: MM		CHK	NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	PCI EXPRESS CARD EDGE CONNECTOR VERTICAL, DIP TYPE, 3GIO		
0 PLC ± -		PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO
1 PLC ± 0.3		APPLICATION SPEC	A3	00779	1734774
2 PLC ± 0.2			RESTRICTED TO		
3 PLC ± 0.15					
4 PLC ± -					
ANGLES ± 3'					
MATERIAL	FINISH	WEIGHT	CUSTOMER DRAWING		
SEE NOTE	SEE NOTE	SEE NOTE 4	SCALE SHEET 2 OF 5 REV G		

4

3

2

1

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



PN X-1 TO 4-X-8
(PA9T TYPE)

36 POS.



PN 5-X-0 TO 9-X-7
(PA46 TYPE)



64 POS.



98 POS.



164 POS.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		TE Connectivity	
DIMENSIONS: MM		CHK			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD		NAME	
0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.25 3 PLC ± 0.25 4 PLC ± - ANGLES ± -		PRODUCT SPEC		PCI EXPRESS CARD EDGE CONNECTOR VERTICAL, DIP TYPE, 3GIO	
MATERIAL		APPLICATION SPEC		SIZE	RESTRICTED TO
FINISH		WEIGHT		A3	
		CUSTOMER DRAWING		CAGE CODE	DRAWING NO
				00779	1734774
		SCALE		SHEET	REV
				3 OF 5	G

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

ADD-IN CARD EDGE-FINGER DIMENSIONS

NOTES:
 CHAMFER EDGE MUST BE FREE OF CUTTING BURRS



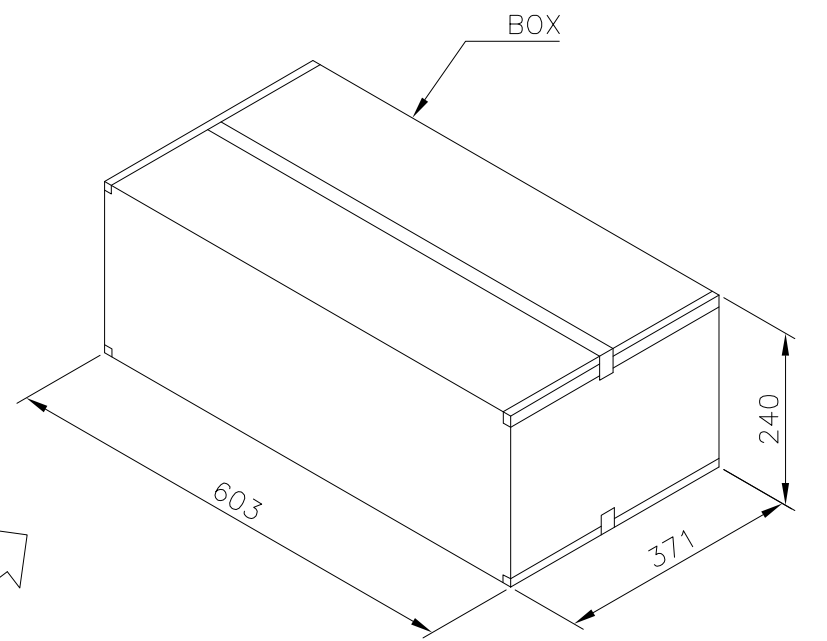
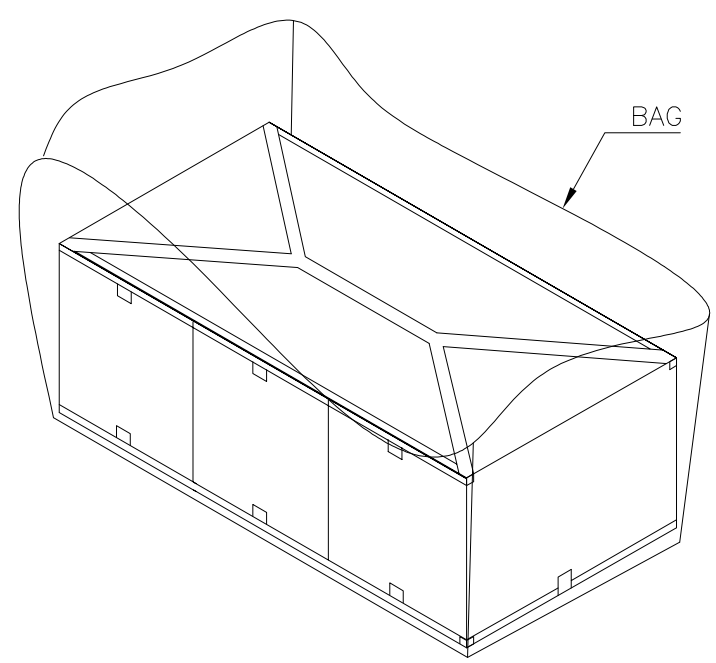
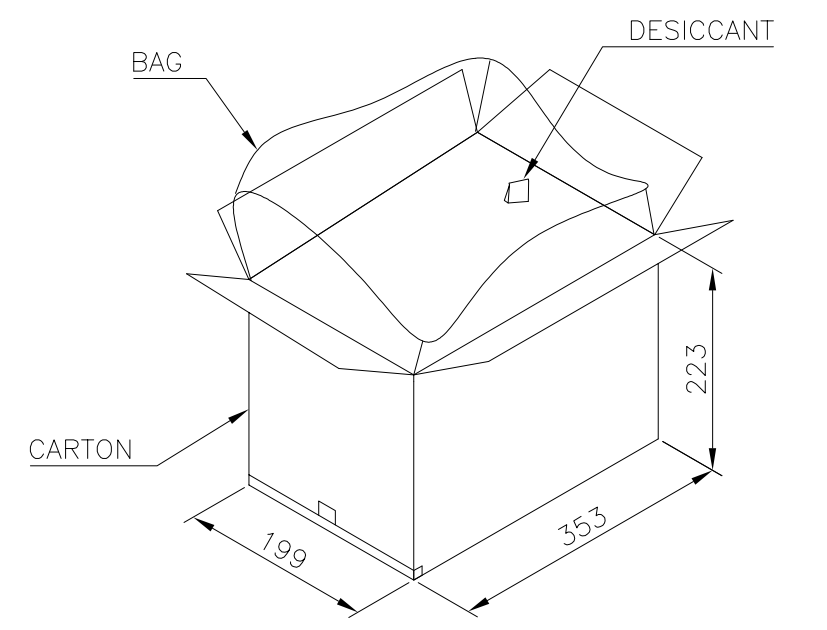
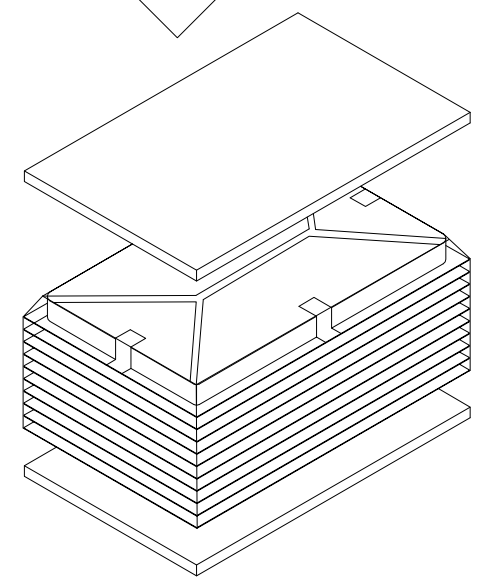
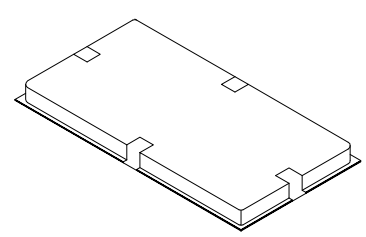
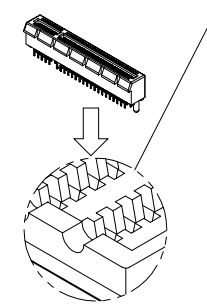
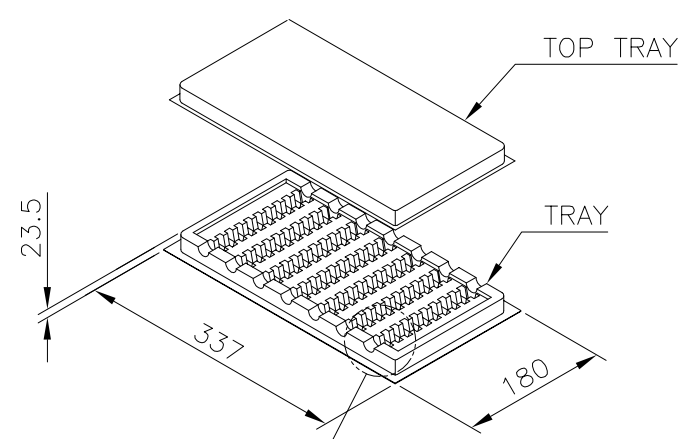
RECOMMENDED PCB LAYOUT

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



POS.	DIM. F	DIM. G	DIM. H	"K"
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

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



- 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	
DIMENSIONS: MM		CHK			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD		NAME	
0 PLC ± -		PRODUCT SPEC		PCI EXPRESS CARD EDGE CONNECTOR	
1 PLC ± -		APPLICATION SPEC		VERTICAL, DIP TYPE, 3GIO	
2 PLC ± -		WEIGHT		SIZE	
3 PLC ± -		CUSTOMER DRAWING		CAGE CODE	
4 PLC ± -		SCALE		DRAWING NO	
ANGLES ± -		SHEET		RESTRICTED TO	
MATERIAL		FINISH		A3 00779 C=1734774	
		REV		G	