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LOC	DIST
DW	—

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 △6	2.30	71.35	70	73.15	89	71.65	164	BLACK	30u"	4-1734774-8
										WHITE		4-1734774-7
5.45				38.35	37	40.15	56	38.65	98	BLACK		4-1734774-6
										WHITE		4-1734774-5
3.85				21.35	20	23.15	39	21.65	64	BLACK		4-1734774-4
										WHITE		4-1734774-3
2.55				7.35	6	9.15	25	7.65	36	BLACK		4-1734774-2
										WHITE		4-1734774-1
8.7				71.35	70	73.15	89	71.65	164	BLACK	15u"	4-1734774-0
											G/F	3-1734774-9
										WHITE	15u"	3-1734774-8
											G/F	3-1734774-7
5.45				38.35	37	40.15	56	38.65	98	BLACK	15u"	3-1734774-6
											G/F	3-1734774-5
										WHITE	15u"	3-1734774-4
											G/F	3-1734774-3
3.85				21.35	20	23.15	39	21.65	64	BLACK	15u"	3-1734774-2
											G/F	3-1734774-1
										WHITE	15u"	3-1734774-0
											G/F	2-1734774-9
2.55				7.35	6	9.15	25	7.65	36	BLACK	15u"	2-1734774-8
											G/F	2-1734774-7
										WHITE	15u"	2-1734774-6
											G/F	2-1734774-5
8.7			3.10	71.35	70	73.15	89	71.65	164	BLACK	30u"	2-1734774-4
										WHITE		2-1734774-3
5.45				38.35	37	40.15	56	38.65	98	BLACK		2-1734774-2
										WHITE		2-1734774-1
3.85				21.35	20	23.15	39	21.65	64	BLACK		2-1734774-0
										WHITE		1-1734774-9
2.55				7.35	6	9.15	25	7.65	36	BLACK		1-1734774-8
										WHITE		1-1734774-7
8.7				71.35	70	73.15	89	71.65	164	BLACK	15u"	1-1734774-6
											G/F	1-1734774-5
										WHITE	15u"	1-1734774-4
											G/F	1-1734774-3
5.45				38.35	37	40.15	56	38.65	98	BLACK	15u"	1-1734774-2
											G/F	1-1734774-1
										WHITE	15u"	1-1734774-0
											G/F	1734774-9
3.85				21.35	20	23.15	39	21.65	64	BLACK	15u"	1734774-8
											G/F	1734774-7
										WHITE	15u"	1734774-6
											G/F	1734774-5
2.55				7.35	6	9.15	25	7.65	36	BLACK	15u"	1734774-4
											G/F	1734774-3
										WHITE	15u"	1734774-2
											G/F	1734774-1

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
										WHITE		9-1734774-6
5.5				38.35	37	40.15	56	38.65	98	BLACK		9-1734774-5
										WHITE		9-1734774-4
3.9				21.35	20	23.15	39	21.65	64	BLACK		9-1734774-3
										WHITE		9-1734774-2
2.55				7.35	6	9.15	25	7.65	36	BLACK		9-1734774-1
										WHITE		9-1734774-0
8.8				71.35	70	73.15	89	71.65	164	BLACK	15u"	8-1734774-9
											G/F	8-1734774-8
										WHITE	15u"	8-1734774-7
											G/F	8-1734774-6
5.5				38.35	37	40.15	56	38.65	98	BLACK	15u"	8-1734774-5
											G/F	8-1734774-4
										WHITE	15u"	8-1734774-3
											G/F	8-1734774-2
3.9				21.35	20	23.15	39	21.65	64	BLACK	15u"	8-1734774-1
											G/F	8-1734774-0
										WHITE	15u"	7-1734774-9
											G/F	7-1734774-8
2.55				7.35	6	9.15	25	7.65	36	BLACK	15u"	7-1734774-7
											G/F	7-1734774-6
										WHITE	15u"	7-1734774-5
											G/F	7-1734774-4
8.8			3.10	71.35	70	73.15	89	71.65	164	BLACK	30u"	7-1734774-3
										WHITE		7-1734774-2
5.5				38.35	37	40.15	56	38.65	98	BLACK		7-1734774-1
										WHITE		7-1734774-0
3.9				21.35	20	23.15	39	21.65	64	BLACK		6-1734774-9
										WHITE		6-1734774-8
2.55				7.35	6	9.15	25	7.65	36	BLACK		6-1734774-7
										WHITE		6-1734774-6
8.8				71.35	70	73.15	89	71.65	164	BLACK	15u"	6-1734774-5
											G/F	6-1734774-4
										WHITE	15u"	6-1734774-3
											G/F	6-1734774-2
5.5				38.35	37	40.15	56	38.65	98	BLACK	15u"	6-1734774-1
											G/F	6-1734774-0
										WHITE	15u"	5-1734774-9
											G/F	5-1734774-8
3.9				21.35	20	23.15	39	21.65	64	BLACK	15u"	5-1734774-7
											G/F	5-1734774-6
										WHITE	15u"	5-1734774-5
											G/F	5-1734774-4
2.55				7.35	6	9.15	25	7.65	36	BLACK	15u"	5-1734774-3
											G/F	5-1734774-2
										WHITE	15u"	5-1734774-1
											G/F	5-1734774-0

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°

MATERIAL: –

FINISH: –

DWN	B. HSING 15JUL2009
CHK	S. CHIEN 15JUL2009
APVD	W. KODAMA 15JUL2009
PRODUCT SPEC	108-57871
APPLICATION SPEC	–
WEIGHT	–

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1734774	–

CUSTOMER DRAWING | SCALE – | SHEET 1 OF 5 | REV G

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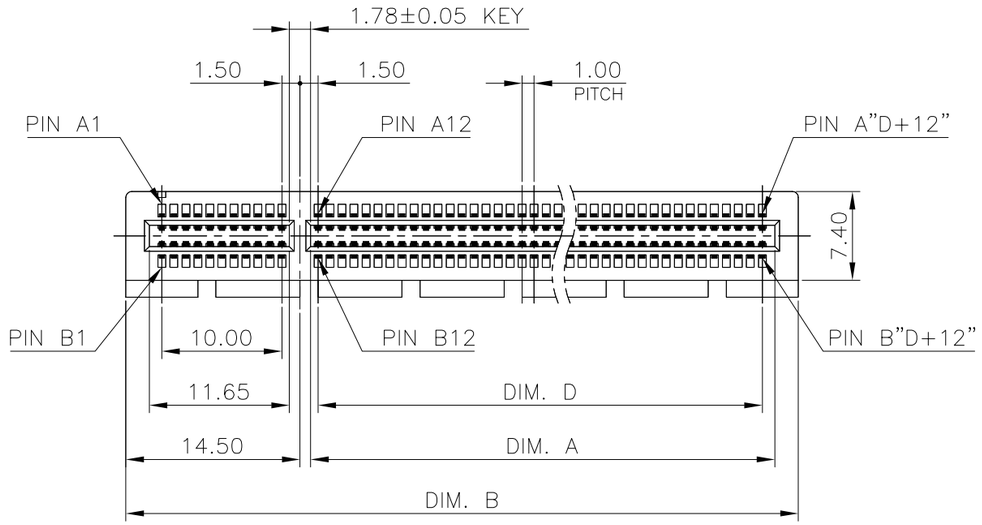
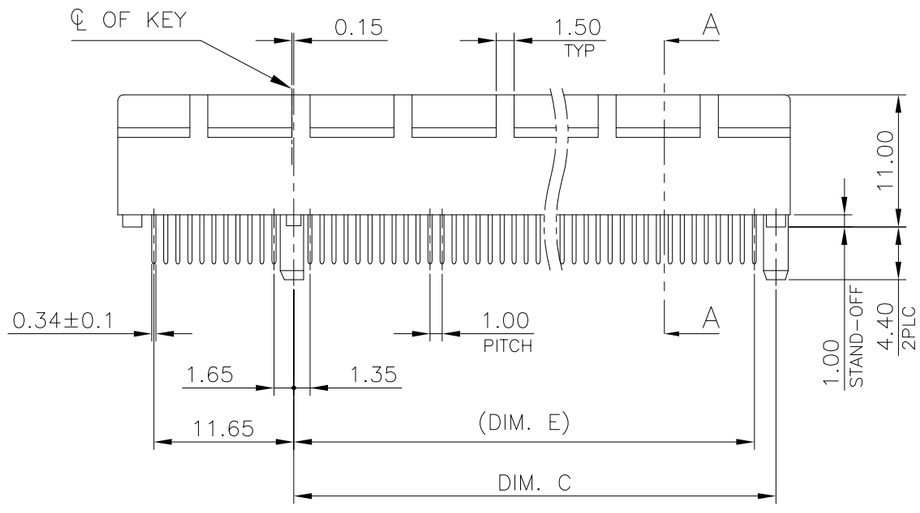
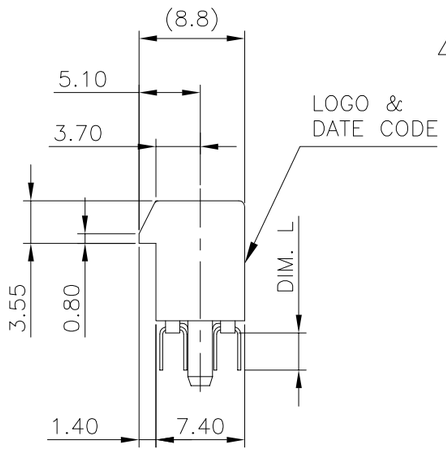
LOC	DIST
DW	—

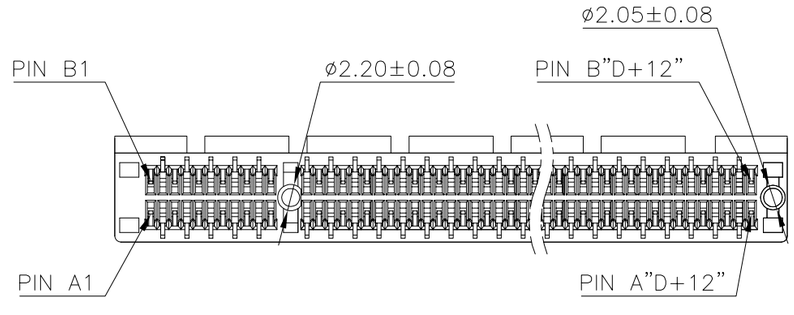
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	–	—	—

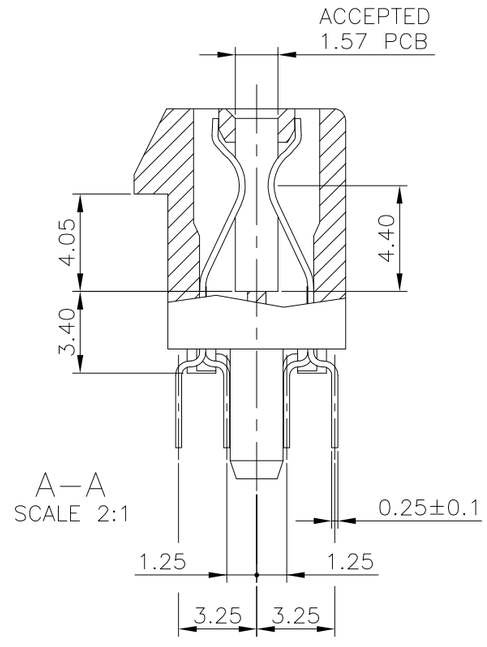








NOTES:
1. MATERIAL:
   1.1 HOUSING: 1.PA46 WITH 40% G.F, UL94 V–0, COLOR: SEE TABLE.
   2.PA9T WITH 30% GF, UL94 V–0, COLOR: SEE TABLE.
   1.2 CONTACT: PHOSPHOR BRONZE
2. FINISH:
   CONTACT: (SEE TABLE) GOLD PLATING ON CONTACT AREA.
   2.54um [100u"] MIN. MATTE–TIN PALTING ON SOLDER TAIL AREA.
   1.27um [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)



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°

MATERIAL: SEE NOTE

FINISH: SEE NOTE

DWN –
CHK –
APVD –
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT SEE NOTE 4

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1734774	—

CUSTOMER DRAWING | SCALE — | SHEET 2 OF 5 | REV G

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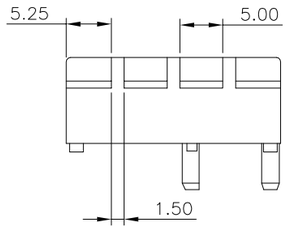
LOC	DIST
DW	—

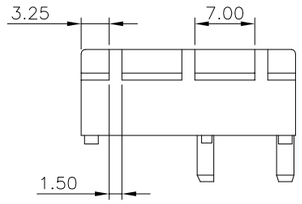
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

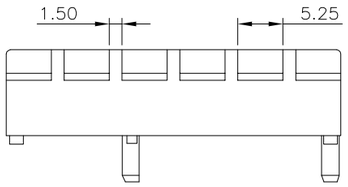


PN X–1 TO 4–X–8
(PA9T TYPE)

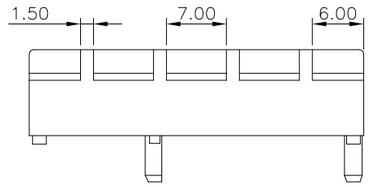
36 POS.

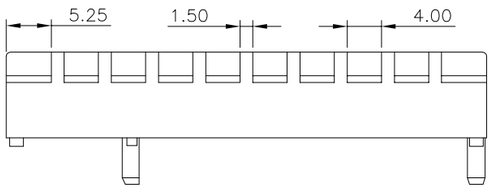


PN 5–X–0 TO 9–X–7
(PA46 TYPE)

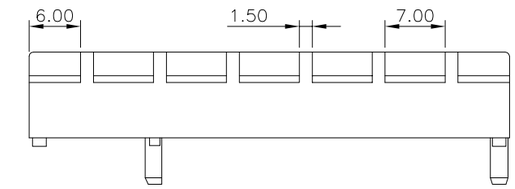


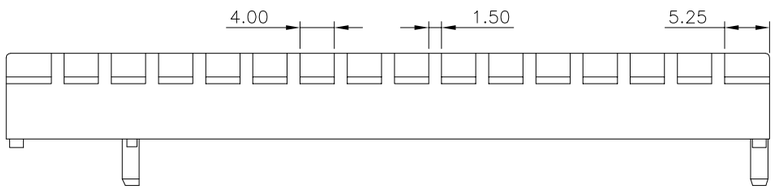
64 POS.



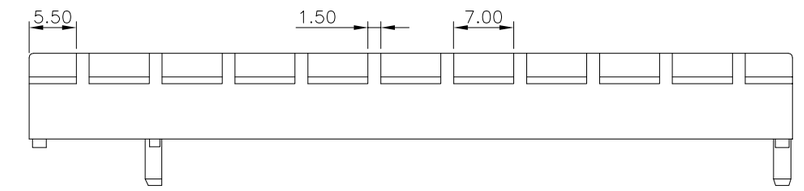


98 POS.





164 POS.



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± 0.25
2 PLC	± 0.25
3 PLC	± 0.25
4 PLC	± –
ANGLES	± –

MATERIAL –

FINISH –

DWN	–
CHK	–
APVD	–
PRODUCT SPEC	—
APPLICATION SPEC	—
WEIGHT	—

TE Connectivity

NAME

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1734774	—

CUSTOMER DRAWING | SCALE — | SHEET 3 OF 5 | REV G

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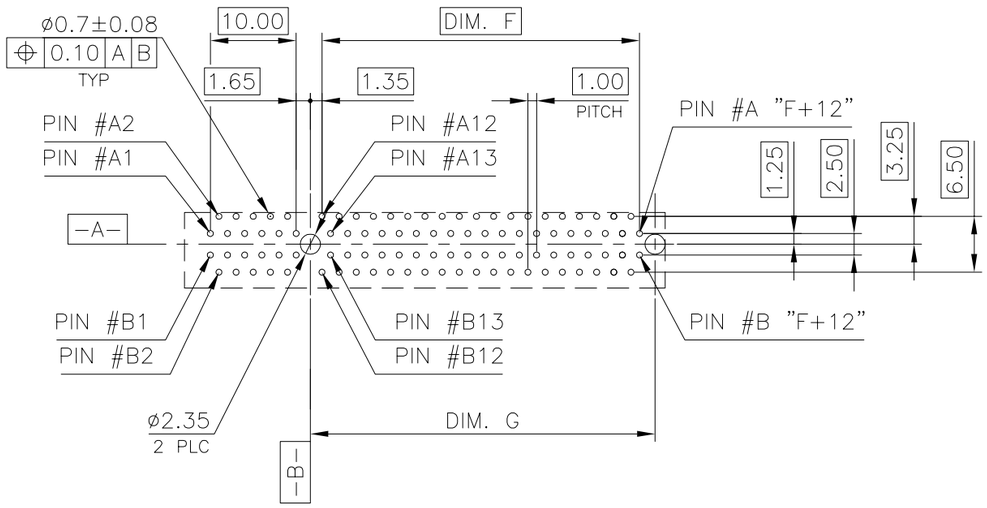
LOC	DIST
DW	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

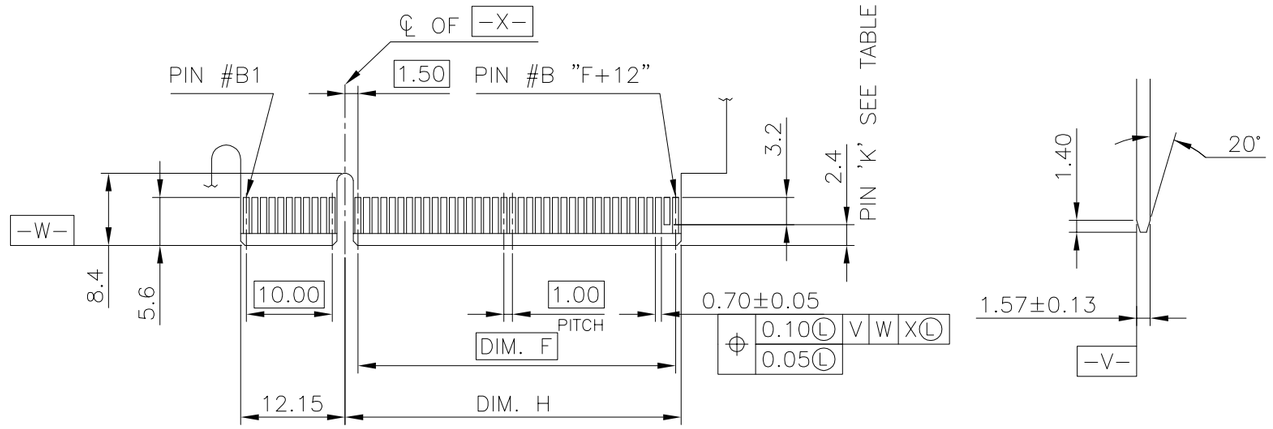


RECOMMENDED PCB LAYOUT

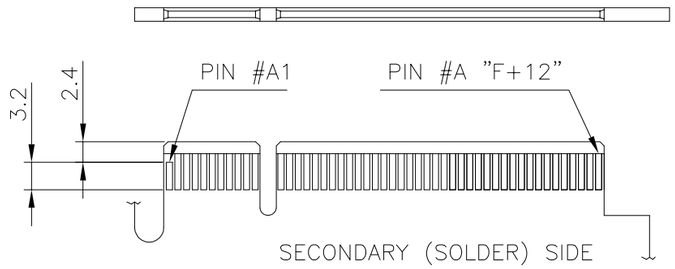
TOLERANCE: ±0.05
FOR DIM.L=3.1mm PCB THICKNESS: 2.4mm
FOR DIM.L=2.3mm PCB THICKNESS: 1.6mm

ADD–IN CARD EDGE–FINGER DIMENSIONS

NOTES:
CHAMFER EDGE MUST BE FREE OF CUTTING BURRS



← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



SECONDARY (SOLDER) SIDE

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

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DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN –
CHK –
APVD –
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1734774	—

CUSTOMER DRAWING | SCALE — | SHEET 4 OF 5 | REV G

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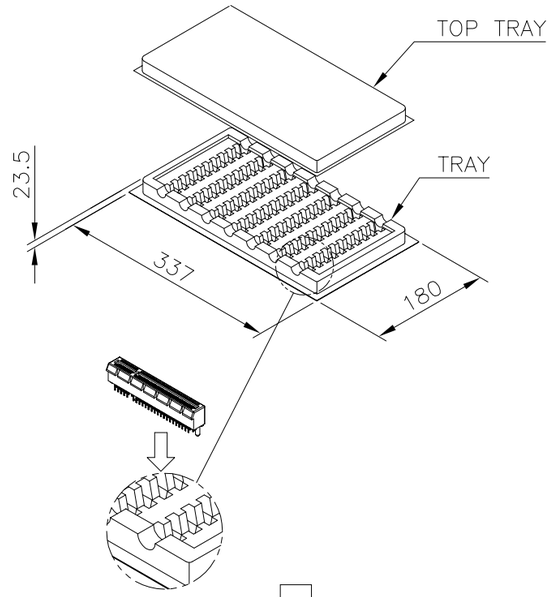
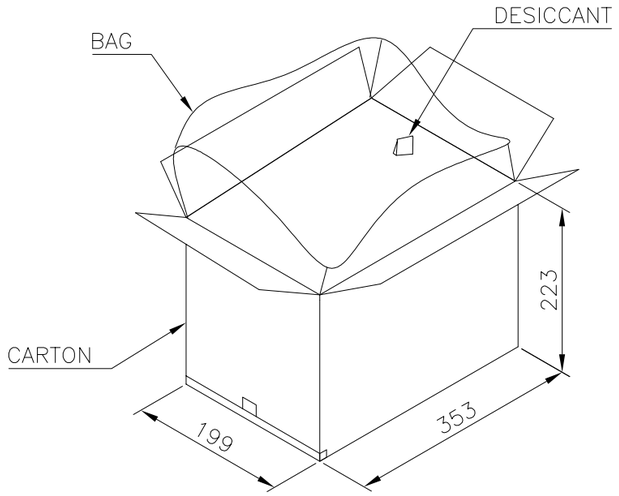
LOC	DIST
DW	—

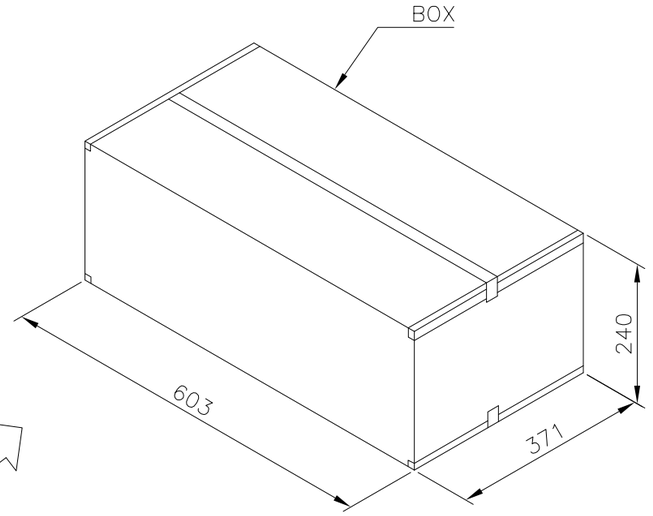
REVISIONS

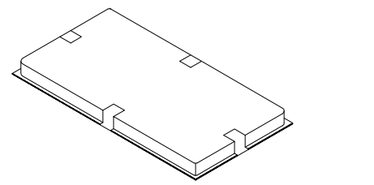
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

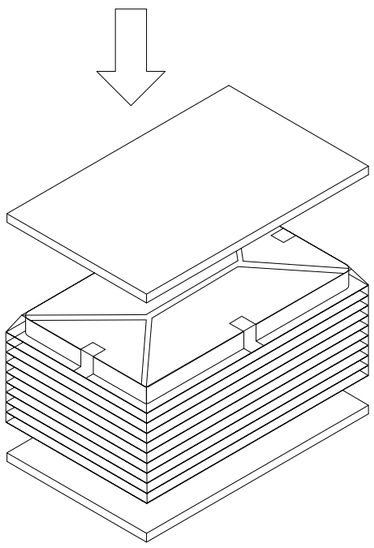


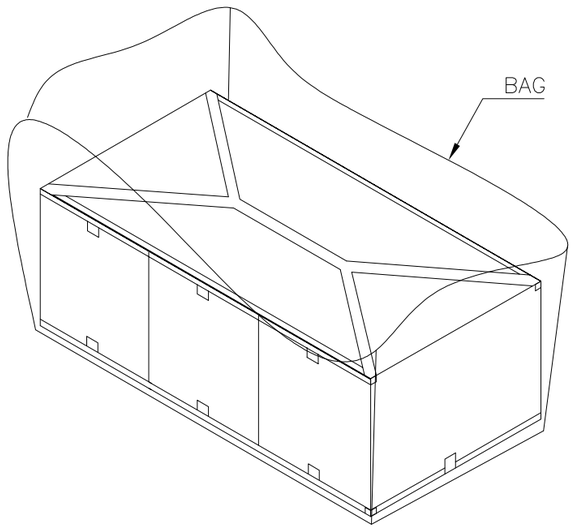


NOTES :
1. MATERIAL :
   TRAY : PVC, COLOR: TRANSPARENT.
   CARTON: CORRUGATED FIBER
   BOX: CORRUGATED FIBER
2. DIMENSION :
   TRAY: SEE DRAWING
   CARTON: SEE DRAWING
   BOX : SEE DRAWING
3. QUANTITY : SEE TABLE
4. WEIGHT : SEE TABLE









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

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
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
A3	00779	C-1734774	—

SCALE	SHEET	REV
—	5 OF 5	G