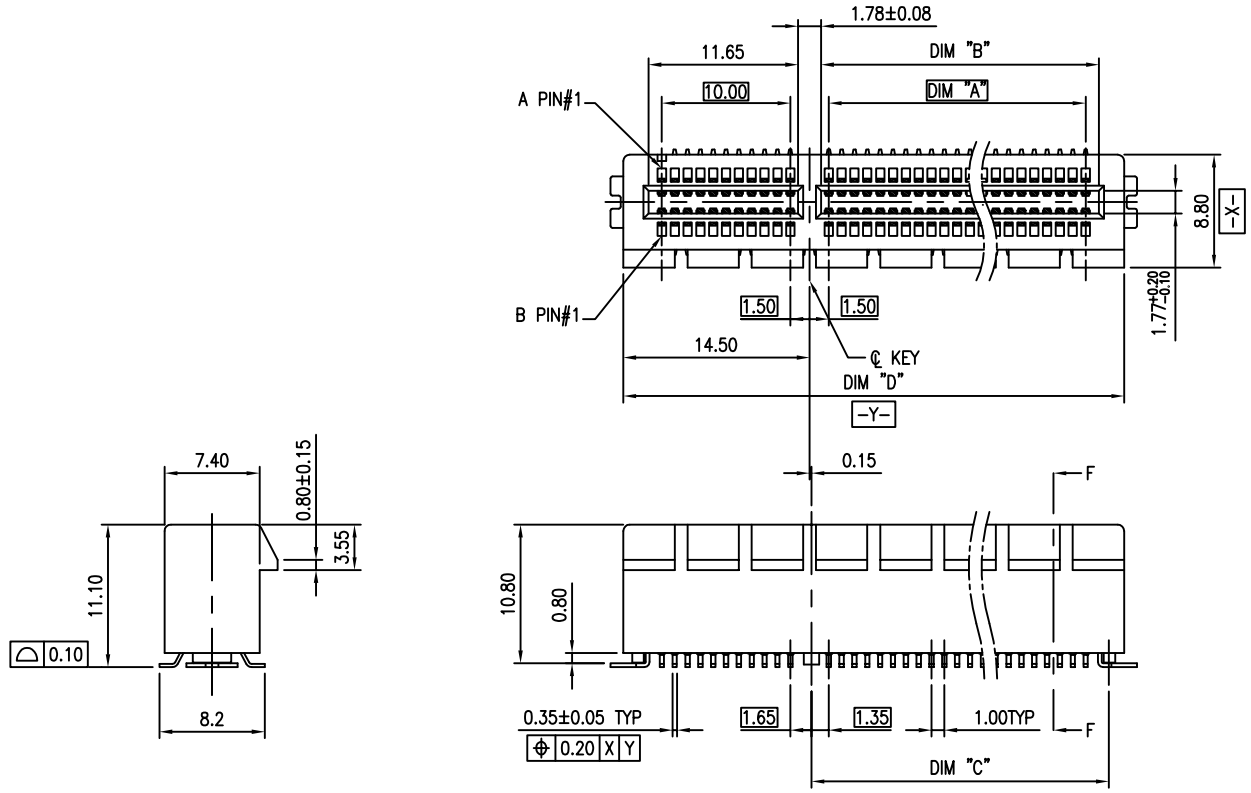
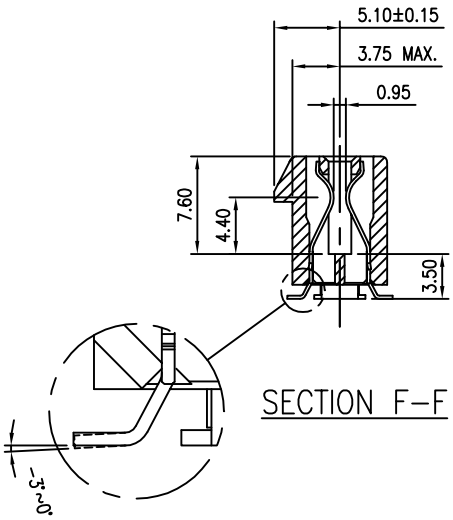
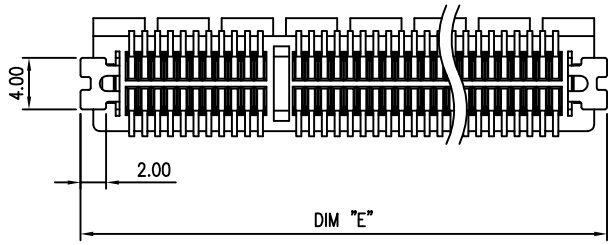




SECTION F-F



HOLD DOWN TYPE

ltr	ecn no	dr	date
A	T04-0004	RC	02/05/'07
B	T07-1083	RC	05/25/'07
C	DG-007885	HT	11/14/'11
D	DG-009560	HT	01/16/'12
E	ELX-DG-13973	WL	01/31/'13

dr	RICHARD_CHIU	01/30/'07
engr	RICHARD_CHIU	01/30/'07
chr	PAUL_WANG	01/30/'07
appd	JOSEPH_HSIA	01/30/'07

sheet index	revision sheet							
		E	A	A	E	A	A	
		1	2	3	4	5	6	

mat'l. code: –

surface ISO 1302 58

tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles 0°±2°

linear .X±.3 / .XX±.20 / XXX±.10

projection

MM

scale 1

product family: PCI_EXPRESS

title: PCI_EXPRESS_CARD_EDGE POST-FREE_ASSEMBLY(SMT)

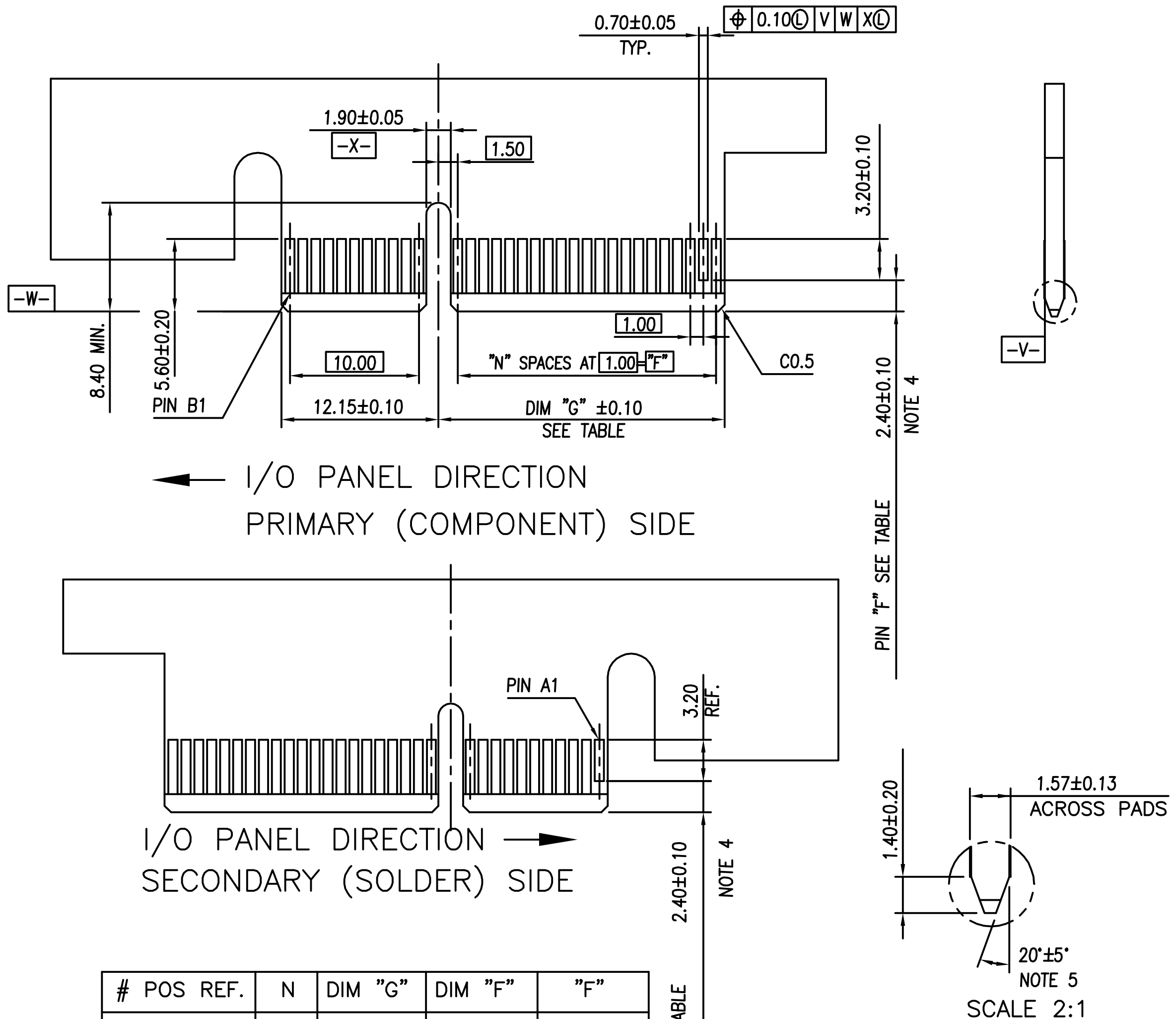
dwg no 10076266

sheet 1 of 6

size A4

type CUSTOMER Drawing

form: A4



# POS REF.	N	DIM "G"	DIM "F"	"F"
36	6	8.15	6.00	B17
64	20	22.15	20.00	B31
98	37	39.15	37.00	B48
164	70	72.15	70.00	B81

ADD-IN CARD EDGE-FINGER DIMENSIONS

mat'l. code	surface 58 ISO 1302	tolerance ISO 406 ISO 1101	projection	product family PCI_EXPRESS
–				

ltr	ecn no	dr	date
A	–	–	–

tolerances unless otherwise specified

angles	linear	
		.X±.2
		.XX±.13
0°±2°		XXX±.05

MM

scale 2

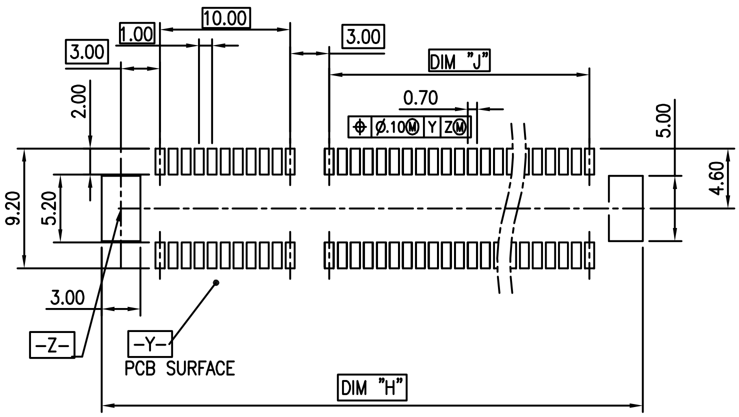
title
PCI_EXPRESS_CARD_EDGE
POST-FREE_ASSEMBLY(SMT)

dr	RICHARD_CHIU	1/30/'07
engr	RICHARD_CHIU	1/30/'07
chr	PAUL_WANG	1/30/'07
appd	JOSEPH_HSIA	1/30/'07

dwg no 10076266 sheet 2 of 6 size A4

type CUSTOMER Drawing

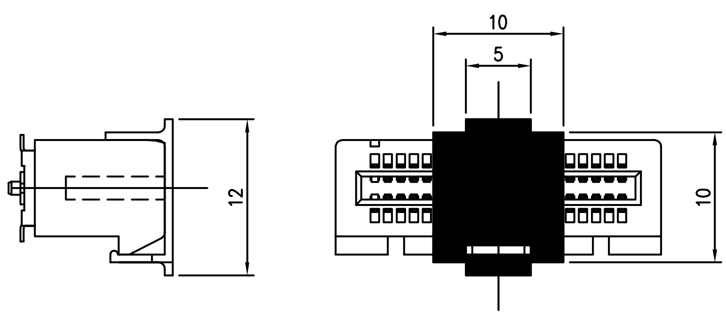
sheet index	revision	A
	sheet	2



RECOMMENDED PCB LAYOUT, PAD TYPE

DIMENSIONS							
POSITION	A	B $^{+0.15}_{-0.05}$	C ±0.20	D ±0.23	E ±0.20	H ±0.10	J
36	6.00	7.65	9.15	25.00	27.00	28.00	6.00
64	20.00	21.65	23.15	39.00	41.00	42.00	20.00
98	37.00	38.65	40.15	56.00	58.00	59.00	37.00
164	70.00	71.65	73.15	89.00	91.00	92.00	70.00

POSTION OF CAP



mat'l. code —

surface 58 ISO 1302

tolerance ISO 406 ISO 1101

projection

product family PCI_EXPRESS

ltr	ecn no	dr	date
A	—	—	—

tolerances unless otherwise specified

angles 0°±2°

linear .X±.2 .XX±.13 XXX±.05

MM

scale 2

title PCI_EXPRESS_CARD_EDGE POST-FREE_ASSEMBLY(SMT)

dr	RICHARD_CHIU	1/30/'07
engr	RICHARD_CHIU	1/30/'07
chr	PAUL_WANG	1/30/'07
appd	JOSEPH_HSIA	1/30/'07

FCI

dwg no 10076266

sheet 3 of 6

size A4

type CUSTOMER Drawing

sheet index

revision A

sheet 3

form: A4

NOTES:

1.MATERIAL:

HOUSING: NYLON, GLASS FILLED UL94V-0 RATE, SUITABLE FOR IR SOLDERING.

TERMINAL: COPPER ALLOY

PLATING: 50u" NICKEL UNDERPLATE ALL OVER
CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE
SOLDER TAIL: TIN 100u" OVER 50u" NICKEL

METAL PADS: COPPER ALLOY
FINISH: 100u" TIN OVER 50u" NICKEL

2.PRODUCT SPECIFICATION: GS-12-390

③THE HORIZONTAL AXIS FOR THE PAD PATTERN IS ESTABLISHED BY THE CENTER LINE OF THE PAD LENGTH.
THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM -Z-

④NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1.

⑤CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

7.RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:
- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2um MINIMUM MATTE TIN OVER 1.27um MINIMUM NICKEL UNDERPLATE.

b - MANUFACTURING PROCESS COMPATIBILITY
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C PEAK TEMPERATURE FOR 5 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

PRODUCT NUMBER CODE

10076266-X X X X L F

LEAD FREE

HOUSING COLOR OPTIONS
1-BLACK

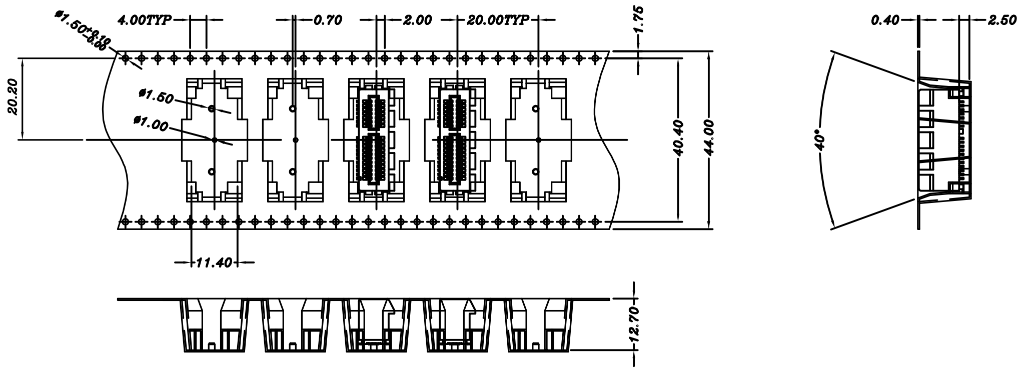
PACKAGING OPTIONS
T-TRAY PACKAGING WITHOUT CAP
R-TAPE & REEL PACKING WITHOUT CAP (FOR 36P&64P OPTIONS ONLY)
P-TAPE & REEL PACKING WITH CAP (FOR 36P&64P OPTIONS ONLY)
C-TRAY PACKAGING WITH CAP
M-TAPE&REEL WITH MYLAR(36P&64P OPTION ONLY)
F-HARD TRAY PACKAGING WITH CAP (164P ONLY)

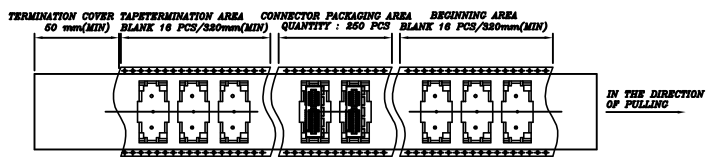
TERMINAL PLATING OPTIONS
0-50u" Ni UNDERPLATE
30u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
1-50u" Ni UNDERPLATE
15u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
2-50u" Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS

POS OPTIONS
0-36
1-64
2-98
3-164

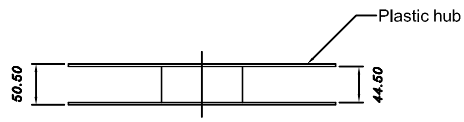
mat'l. code -				surface ISO 1302 58	tolerance ISO 406 ISO 1101	projection	product family PCI_EXPRESS
ltr	ecn no	dr	date	tolerances unless otherwise specified			title PCI_EXPRESS_CARD_EDGE POST-FREE_ASSEMBLY(SMT)
E	-	-	-	angles 0°±2°	linear .X±.2 .XX±.13 XXX±.05	MM scale 2	
				dr	RICHARD_CHIU	1/30/'07	dwg no 10076266 sheet 4 of 6 size A4
				engr	RICHARD_CHIU	1/30/'07	
				chr	PAUL_WANG	1/30/'07	
				appd	JOSEPH_HSIA	1/30/'07	type CUSTOMER Drawing
sheet index	revision sheet	C 4					

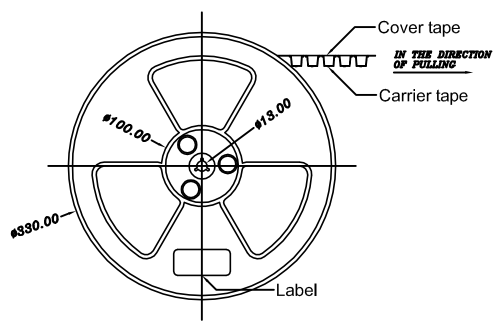
form: A4





COMPOSITION OF PACKAGING





TAPE AND REEL
PACKING
RECOMMENDED FOR
36PINS ONLY

mat'l. code —		surface ISO 1302 58	tolerance ISO 406 ISO 1101	projection	product family PCI_EXPRESS		
ltr	ecn no	dr	date	tolerances unless otherwise specified		title	
A	—	—	—	angles 0°±2°	linear .X±.3 .XX±.20 XXX±.10	MM scale 1	PCI_EXPRESS_CARD_EDGE POST-FREE_ASSEMBLY(SMT)
dr	RICHARD_CHIU	1/30/'07				dwg no 10076266	sheet 5 of 6, size A4
engr	RICHARD_CHIU	1/30/'07					
chr	PAUL_WANG	1/30/'07					
appd	JOSEPH_HSIA	1/30/'07				type CUSTOMER Drawing	
sheet index	revision A	sheet 5					

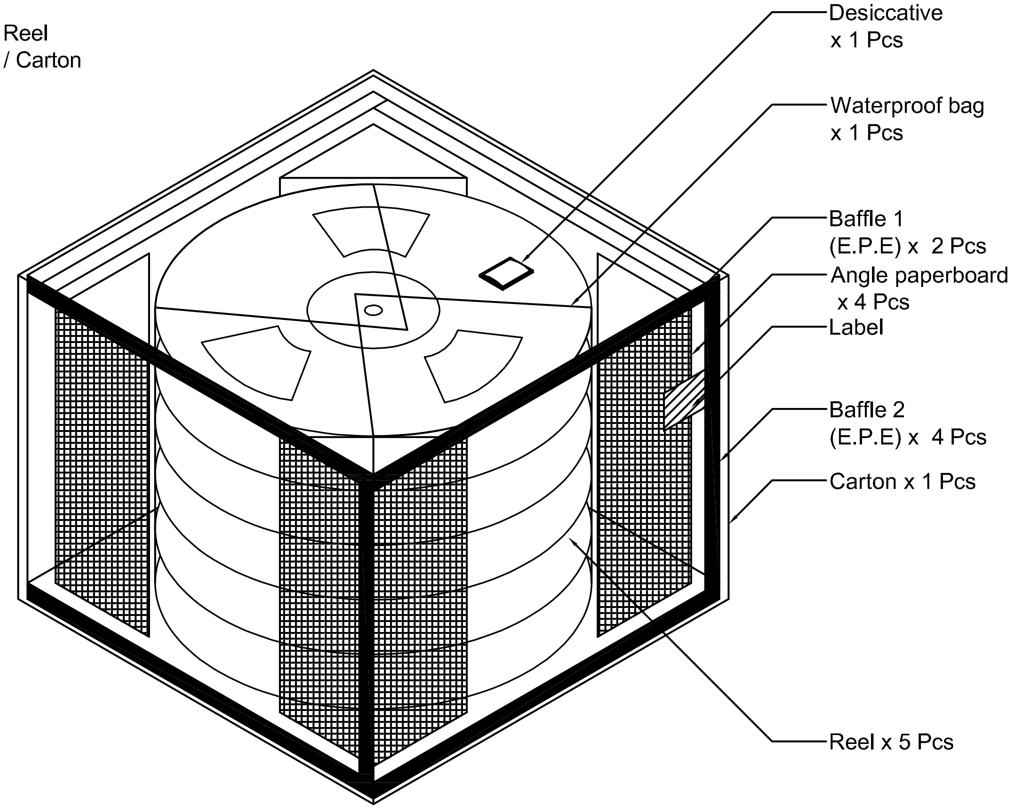
1 For PCI EXPRESS SMT TYPE 36P ONLY.

2. Material :
- 2.1 Reel :
  - 2.1.1 Plastic hub : High Impact Polystyrene
  - 2.1.2 Cover tape : PE
  - 2.1.3 Carrier tape : ABS
- 2.2 Waterproof bag : PE
- 2.3 Desiccative : Silica Gel
- 2.4 Carton : Corrugated paper
- 2.5 Baffle : E.P.E
- 2.6 Angle paperboard : Corrugated paper

3. Dimension :
- 3.1 Reel :
  - 3.1.1 Plastic hub : Ø330 x T50.5 mm
  - 3.1.2 Cover tape : 5690(L) x 37.4(W) mm
  - 3.1.3 Carrier tape : 5640(L) x 44(W)mm
- 3.2 Waterproof bag : 600(H) x 465(W) x 0.06(T) mm
- 3.3 Desiccative : 25 gram / Package
- 3.4 Carton : 380(L) x 380(W) x 300(H) mm
- 3.5 Baffle (1): 370(L) x 370(W) x 15(H) mm
- 3.6 Baffle (2): 355(L) x 252(W) x 15(H) mm
- 3.7 Angle paperboard : 252(H)

4. Quantity :
- 4.1 250 Pcs / Reel
- 4.2 1250 Pcs / Carton

5. Weight :
- 5.1 N/W :
- 5.2 G/W :



mat'l. code —	surface ISO 1302 58	tolerance ISO 406 ISO 1101	projection	product family PCI_EXPRESS
ltr / ecn no / dr / date: A — — —	tolerances unless otherwise specified			title
angles 0°±2°	linear	.X±.3 / .XX±.20 / XXX±.10	MM / scale 1	PCI_EXPRESS_CARD_EDGE POST-FREE_ASSEMBLY(SMT)
dr	RICHARD_CHIU	1/30/'07	FCI	dwg no 10076266 — sheet 6 of 6 — size A4
engr	RICHARD_CHIU	1/30/'07		
chr	PAUL_WANG	1/30/'07		
appd	JOSEPH_HSIA	1/30/'07		type CUSTOMER Drawing

sheet index — revision A — sheet 6