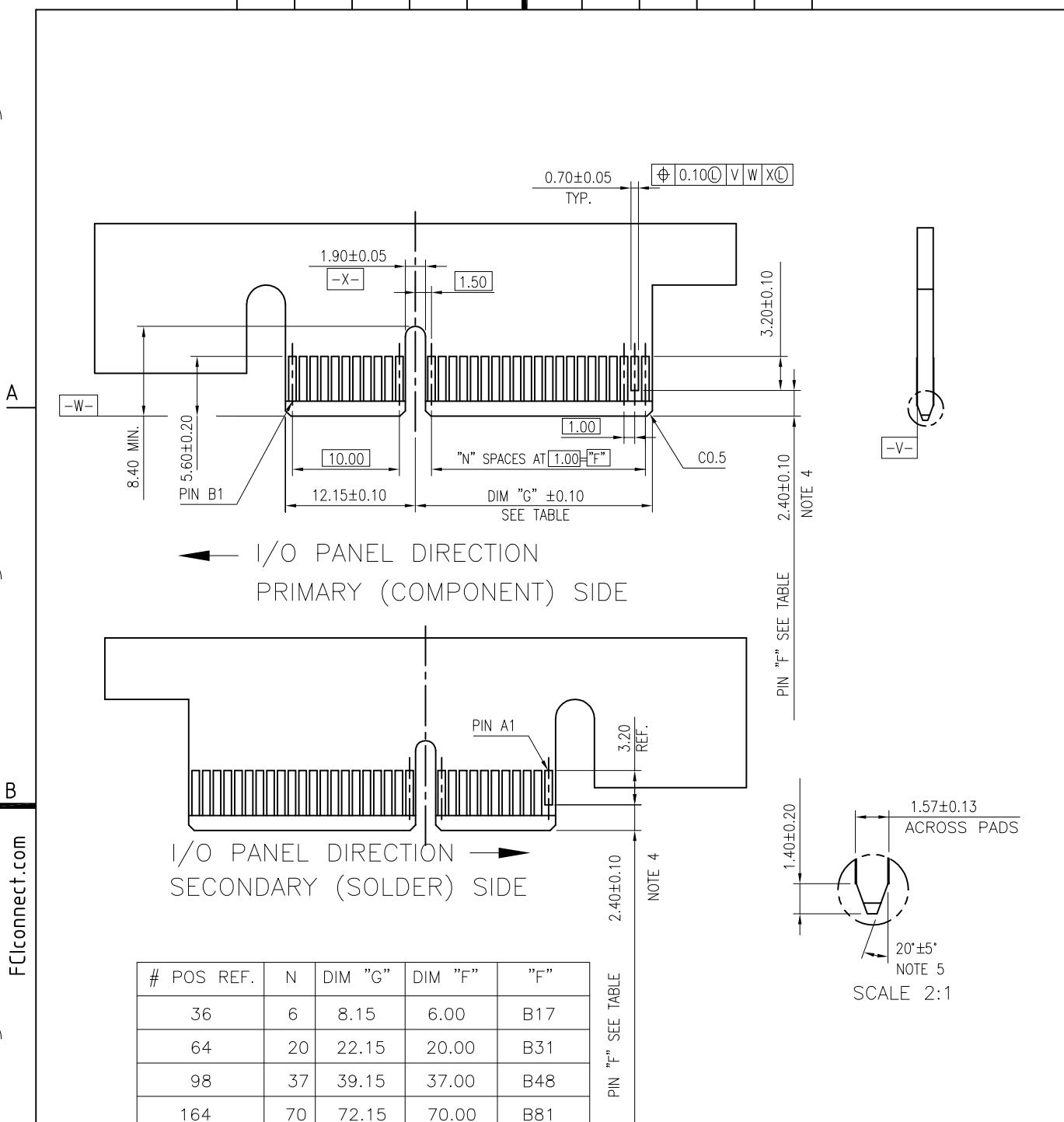


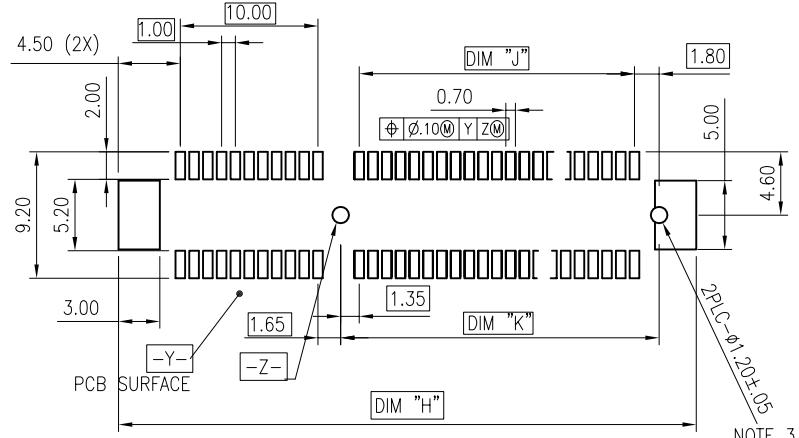
HOLD DOWN TYPE

mat'l. code				surface 58	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	PCI_EXPRESS
D	T07-1120	RC	07/31/07	tolerances unless otherwise specified	.X±.3	MM	title
E	DG08-0111	RC	05/08/08	angles	.XX±.20		PCI_EXPRESS_CARD_EDGE
F	T08-1097	RC	06/03/08	linear	XXX±.10	scale 1	ASSEMBLY(SMT)
G	T08-1XXX	RC	9/9/08	dr	MAGGIE_WU	06'/6/21	dwg no
H	T10-0007	JH	1/30/10	engr	RICHARD_CHIU	06'/6/21	sheet 1 of 6
J	ELX-DG-14311	WL	2013/03/21	chr	PAUL_WANG	06'/6/21	size
K	ELX-DG-16269	ST	2013/11/13	appd	JOSEPH_HSIA	06'/6/21	10061913
sheet	revision	K	K	K	K	K	A4
index	sheet	1	2	3	4	5	



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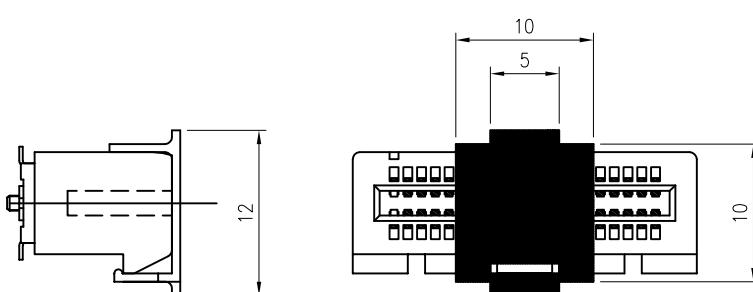
mat'l. code				surface 58	tolerance	projection	product family
-				ISO 1302	ISO 406	ISO 1101	PCI_EXPRESS
ltr	ecn no	dr	date	tolerances unless otherwise specified			
K	-	-	-	angles	.X±.2	MM	title
				linear	.XX±.13		PCI_EXPRESS_CARD_EDGE
				0°±2°	XXX±.05	scale 2	ASSEMBLY(SMT)
		dr	MAGGIE_WU	06'/6/21			dwg no
		engr	RICHARD_CHIU	06'/6/21			sheet 2 of 6
		chr	PAUL_WANG	06'/6/21			size
		appd	JOSEPH_HSIA	06'/6/21			A4
sheet	revision	K					
index	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	K ± 0.10
36	6.00	7.65	9.15	25.00	27.00	28.00	6.00	9.15
64	20.00	21.65	23.15	39.00	41.00	42.00	20.00	23.15
98	37.00	38.65	40.15	56.00	58.00	59.00	37.00	40.15
164	70.00	71.65	73.15	89.00	91.00	92.00	70.00	73.15

POSITION OF CAP



mat'l. code				surface 58	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	PCI_EXPRESS
K	-	-	-	angles	.X±.2		title
				linear	.XX±.13	MM	PCI_EXPRESS_CARD_EDGE
				0°±2°	XXX±.05	scale 2	ASSEMBLY(SMT)
		dr	MAGGIE_WU	06'/6/21			dwg no
		engr	RICHARD_CHIU	06'/6/21			sheet 3 of 6
		chr	PAUL_WANG	06'/6/21			size
		appd	JOSEPH_HSIA	06'/6/21			A4
sheet	revision	K					
index	sheet	3					

NOTES:

1. MATERIAL:

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

TERMINAL: COPPER ALLOY

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

METAL PADS: COPPER ALLOY

FINISH: 100 μ " TIN OVER 50 μ " NICKEL

2. PRODUCT SPECIFICATION: GS-12-390

③ THE HORIZONTAL AXIS FOR THE PAD PATTERN IS ESTABLISHED BY
A LINE THROUGH THE CENTER OF THE TWO Ø1.0 HOLES.
THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER
OF DATUM [-Z-]

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

⑤ CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

6. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE

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.

7. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH CURRENT DRAWING REVISION.

PRODUCT NUMBER CODE

10061913-X X X X L F

HOUSING COLOR OPTIONS

0-WHITE

1-BLACK

LEAD FREE

PACKAGING OPTIONS

T-TRAY PACKAGING WITHOUT CAP

R-TAPE & REEL PACKING WITHOUT CAP AND MYLAR (FOR
36P&64P OPTIONS ONLY)P-TAPE & REEL PACKING WITH CAP (FOR 36P&64P&98P
OPTIONS ONLY)

C-TRAY PACKAGING WITH CAP

M-TAPE & REEL PACKING WITH MYLAR (FOR 36P&64P
OPTIONS ONLY)

N-TRAY PACKAGING WITH MYLAR

Y-HARD TRAY(FOR 164P ONLY)

Z-HARD TRAY PACKAGING WITH MAYLAR(FOR 164P ONLY)

A-44MM WIDTH TAPE&REEL PACKING WITH MYLAR(FOR 36P ONLY)

B-HARD TRAY PACKAGING WITH CAP(FOR 164P ONLY) 

TERMINAL PLATING OPTIONS

0-50 μ " Ni UNDERPLATE
30 μ " Au CONTACT AREA

100 μ " TIN TAIL AREA ----- COMPATIBLE RoHS

1-50 μ " Ni UNDERPLATE
15 μ " Au CONTACT AREA

100 μ " TIN TAIL AREA ----- COMPATIBLE RoHS

2-50 μ " Ni UNDERPLATE
GOLD FLASH CONTACT AREA

100 μ " TIN TAIL AREA ----- COMPATIBLE RoHS

3-50 μ " Ni UNDERPLATE
30 μ " Au CONTACT AREA

 GOLD FLASH TAIL AREA ----- COMPATIBLE RoHS

POS OPTIONS

0-36

1-64

2-98

3-164

mat'l. code				surface	58	tolerance	ISO 406	ISO 1101	projection	product family	PCI_EXPRESS
ltr	ecn no	dr	date	tolerances unless otherwise specified						title	
K	-	-	-	angles	linear	.X±.2	.XX±.13		MM	PCI_EXPRESS_CARD_EDGE	
						0°±2°	XXX±.05	scale 2		ASSEMBLY(SMT)	
				dr	MAGGIE_WU	06'/6/21				dwg no	sheet 4 of 6
				engr	RICHARD_CHIU	06'/6/21					size
				chr	PAUL_WANG	06'/6/21					
				appd	JOSEPH_HSIA	06'/6/21					
sheet		revision	K								
index		sheet	4								

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

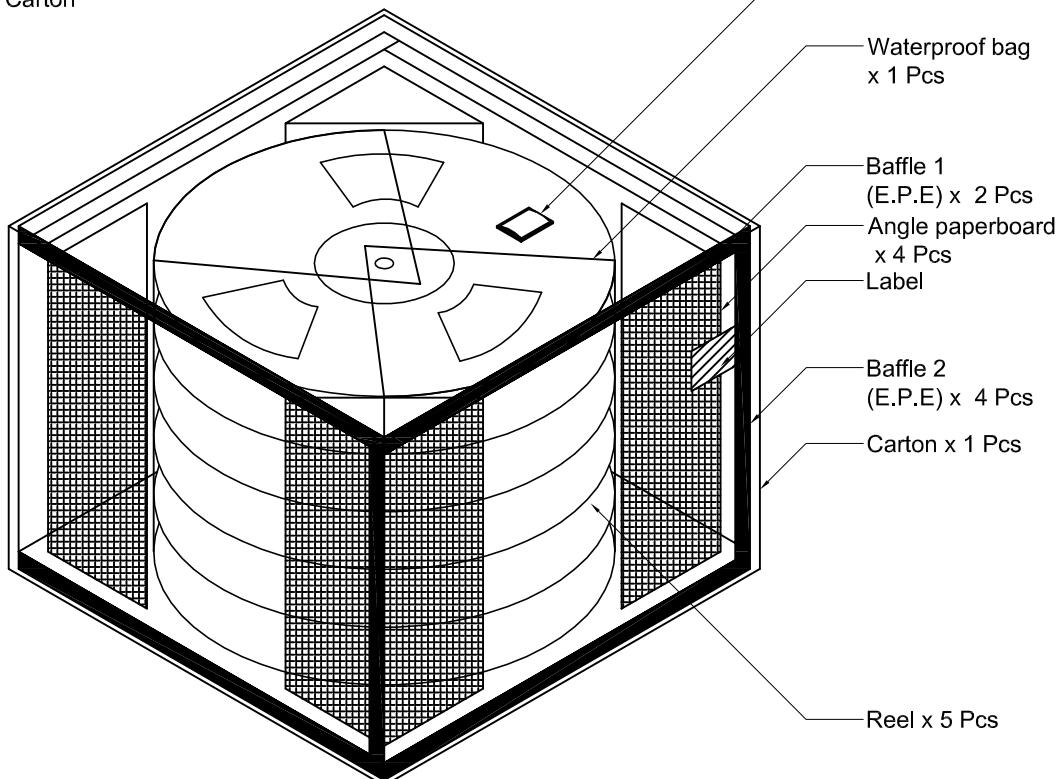
3. Dimension :

3.1 Reel :

- 3.1.1 Plastic hub : $\phi 330 \times T50.5$ 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



mat'l. code				surface 58	tolerance	projection	product family
-				ISO 1302	ISO 406	ISO 1101	PCI_EXPRESS
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
K	-	-	-	angles	linear	.X±.3	PCI_EXPRESS_CARD_EDGE
						.XX±.20	ASSEMBLY(SMT)
				0°±2°		XXX±.10	scale 1
		dr	MAGGIE_WU	06'/6/21			dwg no
		engr	RICHARD_CHIU	06'/6/21			sheet 6 of 6
		chr	PAUL_WANG	06'/6/21			size
		appd	JOSEPH_HSIA	06'/6/21			A4
sheet	revision	K					
index	sheet	6					