

5.10 ± 0.15

3.75 MAX.

0.95

7.60

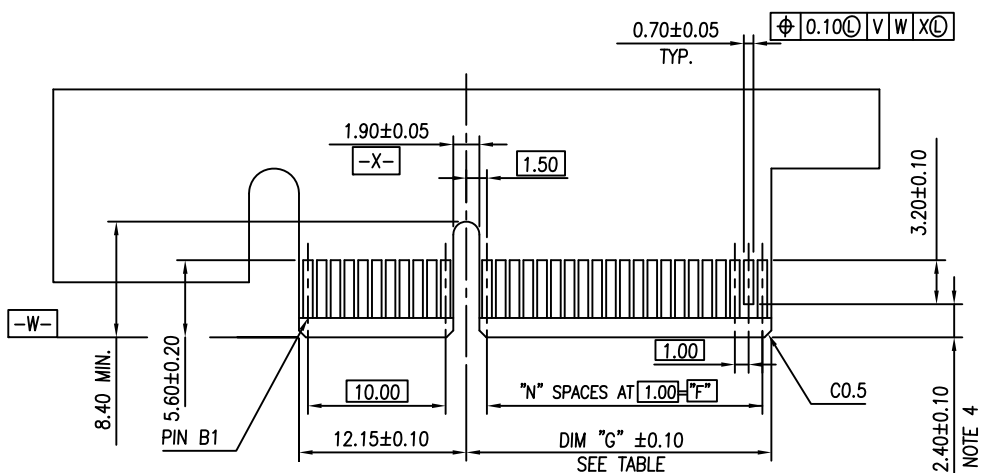
4.40

3.50

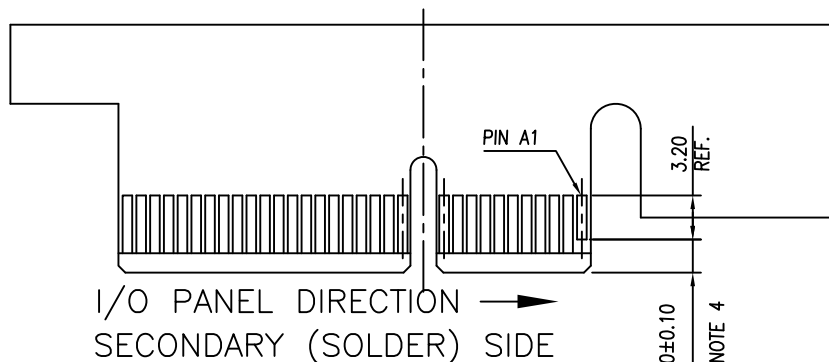
SECTION F-F

3-20

form: A4

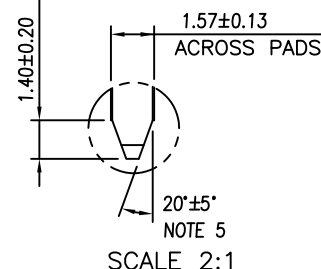


← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



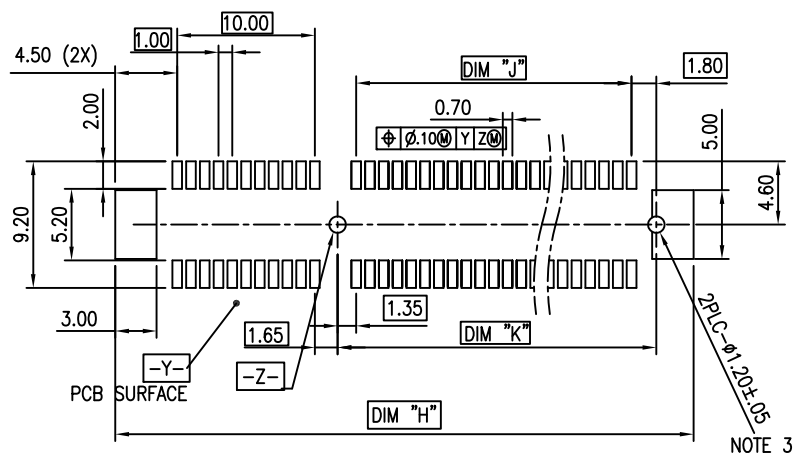
#	POS	REF.	N	DIM "G"	DIM "F"	"F"
36	6			8.15	6.00	B17
64	20			22.15	20.00	B31
98	37			39.15	37.00	B48
164	70			72.15	70.00	B81

PIN "F" SEE TABLE



ADD-IN CARD EDGE-FINGER DIMENSIONS

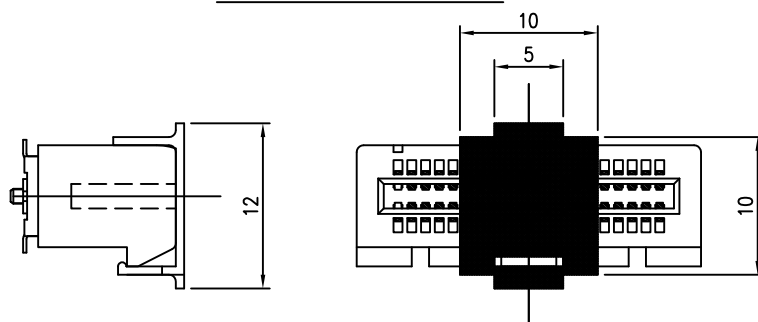
mat'l. code				surface 58/ISO 1302		tolerance ISO 406 ISO 1101		projection		product family PCI_EXPRESS			
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles linear		MM		title			
H	-	-	-							PCI_EXPRESS_CARD_EDGE ASSEMBLY(SMT)			
				0°±2°		XXX±.05		scale 2		dwg no sheet 2 of 6 size			
				dr MAGGIE_WU		06'/6/21		FCI		10061913 A4			
				enr RICHARD_CHIU		06'/6/21				type CUSTOMER Drawing			
				chr PAUL_WANG		06'/6/21							
				app JOSEPH_HSIA		06'/6/21							
sheet index		revision sheet											



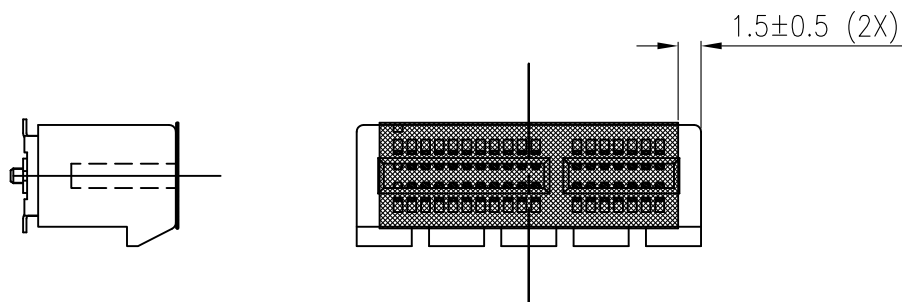
RECOMMENDED PCB LAYOUT, PAD TYPE

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

POSTION OF CAP



POSTION OF MYLAR



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			
H	-	-	-							PCI_EXPRESS_CARD_EDGE ASSEMBLY(SMT)			
				angles	linear	.X±.2		MM					
						.XX±.13							
				0°±2°		XXX±.05		scale 2					
				dr	MAGGIE_WU	06'/6/21	FCI		dwg no		sheet 3 of 6	size	
				engr	RICHARD_CHIU	06'/6/21			10061913		A4		
				chr	PAUL_WANG	06'/6/21							
				app	JOSEPH_HSIA	06'/6/21							
sheet index		revision sheet											

NOTES:

1.MATERIAL:

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

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 $\square Z$

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

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 OR MYLAR (FOR
36P & 64P OPTION ONLY)
P-TAPE & REEL PACKING WITH CAP (FOR 36P & 64P OPTION
ONLY)
C-TRAY PACKAGING WITH CAP
M-TAPE & REEL PACKING WITH MYLAR (FOR 36P & 64P
OPTION ONLY)
N-TRAY PACKAGING WITH MAYLAR
Y-HARD TRAY (FOR 164P ONLY)
Z-HARD TRAY PACKAGING WITH MAYLAR (FOR 164P ONLY)

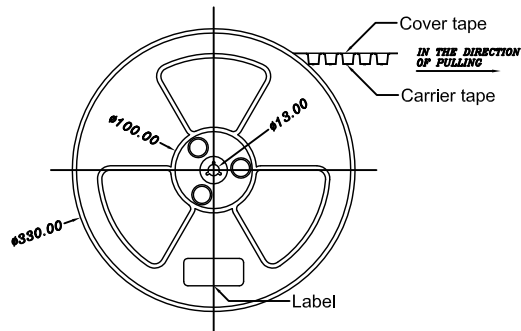
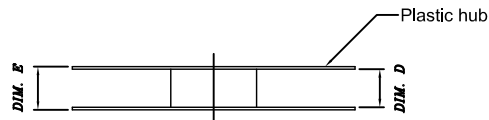
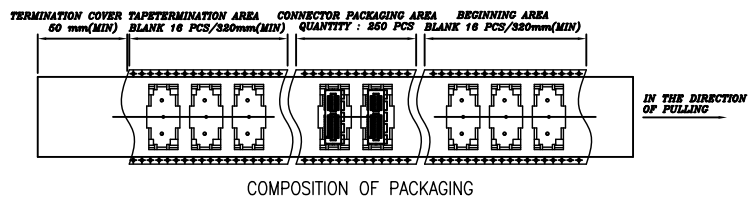
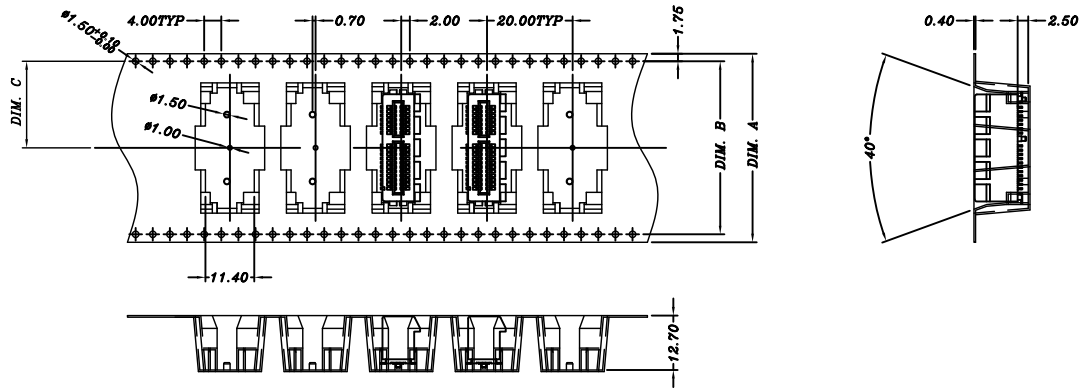
TERMINAL PLATING OPTIONS

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 58/		tolerance		projection		product family			
-				ISO 1302		ISO 406 ISO		1101		PCI_EXPRESS			
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles		linear		title			
H	-	-	-			.X±.2		MM		PCI_EXPRESS_CARD_EDGE ASSEMBLY(SMT)			
						.XX±.13							
				0°±2°		XXX±.05		scale 2					
				dr	MAGGIE_WU	06'/6/21	FCI		dwg no		sheet 4 of 6	size	
				engr	RICHARD_CHIU	06'/6/21			10061913		A4		
				chr	PAUL_WANG	06'/6/21							
				app	JOSEPH_HSIA	06'/6/21							
sheet index		revision sheet											



TAPE AND REEL
PACKAGING PRESENTED
WITH 36PINS

DIMENSIONS					
POSITIONS	A	B	C	D REF.	E REF.
36	44.00	40.40	20.20	44.5	50.5
64	56.00	52.60	26.30	56.4	60.4

mat'l. code				surface 58/		tolerance		projection		product family			
-				ISO 1302		ISO 406 ISO		101		PCI_EXPRESS			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
H	-	-	-	angles		linear		MM		PCI_EXPRESS_CARD_EDGE ASSEMBLY(SMT)			
				0°±2°				scale 1		dwg no			
				dr		MAGGIE_WU		06'/6/21		sheet 5 of 6		size	
				enr		RICHARD_CHIU		06'/6/21		10061913		A4	
				chr		PAUL_WANG		06'/6/21		type CUSTOMER Drawing			
				app		JOSEPH_HSIA		06'/6/21					
sheet index		revision sheet											

1 TAPE & REEL PACKING FOR PCI EXPRESS SMT TYPE 36P.

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

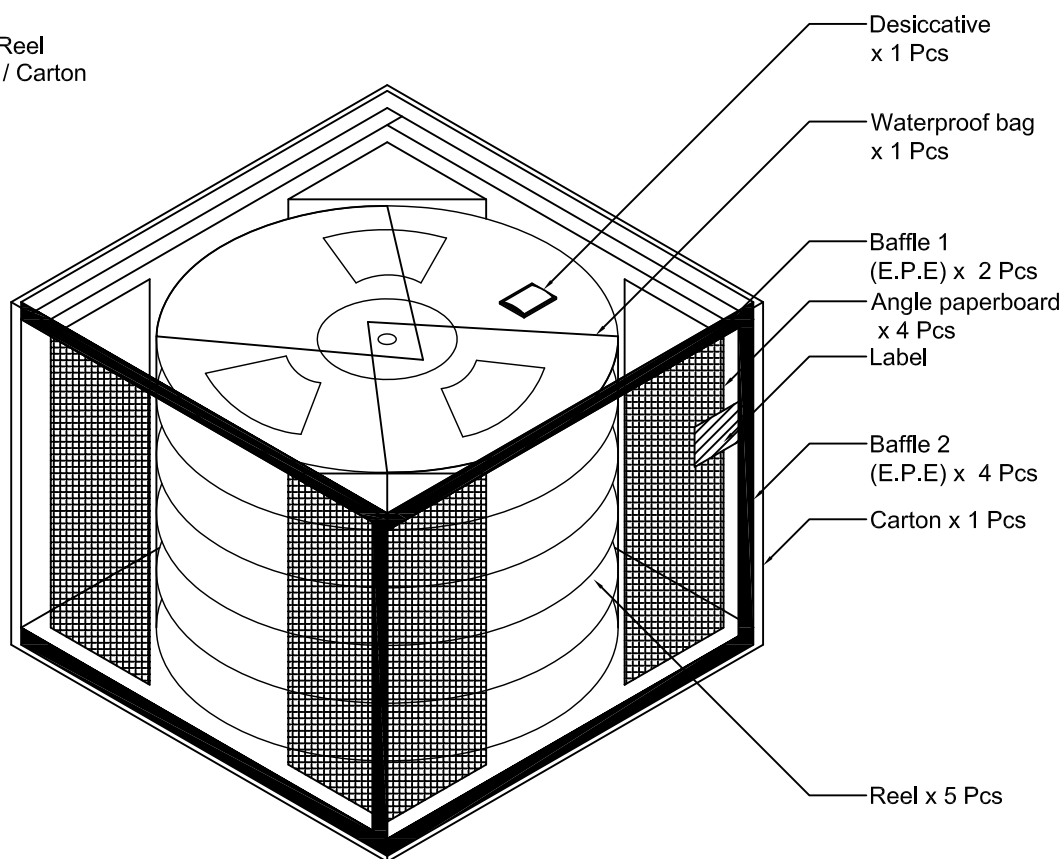
3.6 Baffle (2): 355(L) x 252(W) x 15(H) mm

3.7 Angle paperboard : 252(H)

4. Quantity :

4.1 250 Pcs / Reel

4.2 1,250 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			
H	-	-	-	angles	linear	MM	PCI_EXPRESS_CARD_EDGE ASSEMBLY(SMT)			
				0°±2°	.X±.3	scale 1				
					.XX±.20					
					XXX±.10					
				dr	MAGGIE_WU	06'/6/21	dwg no		sheet 6 of 6	size
				engr	RICHARD_CHIU	06'/6/21	10061913			A4
				chr	PAUL_WANG	06'/6/21				
				app	JOSEPH_HSIA	06'/6/21	type		CUSTOMER Drawing	
sheet index	revision									
	sheet									