

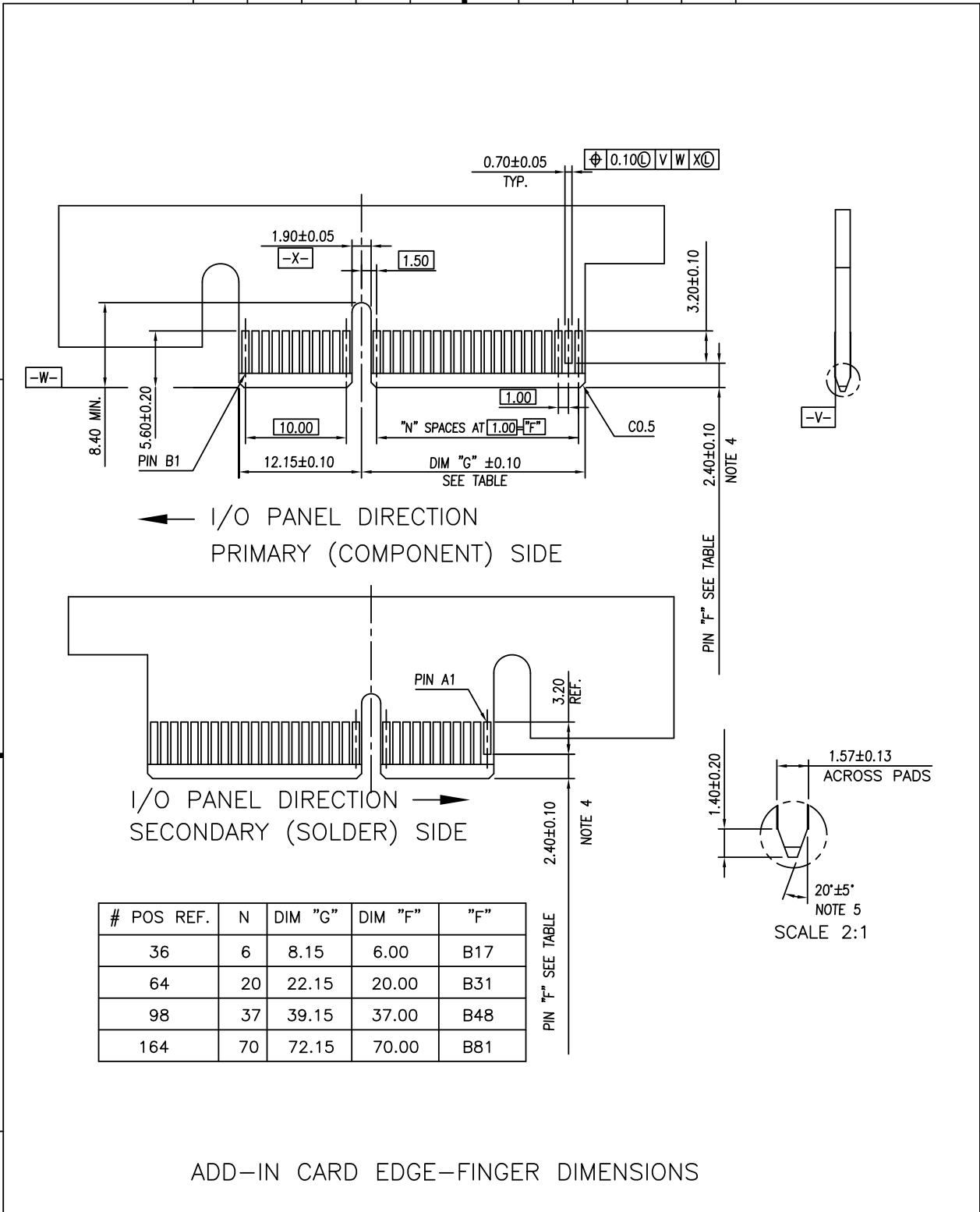
HOLD DOWN TYPE



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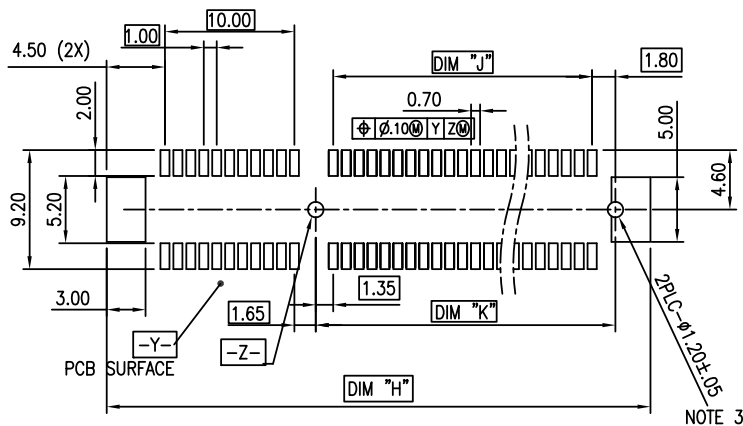
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mat'l. code		-		surface	58	tolerance	ISO 1302	ISO 406	ISO 101	projection	product family	PCI_EXPRESS		
ltr	ecn no	dr	date	tolerances unless otherwise specified							title			
B	T07-0005	RC	02/06/'07	angles	linear	.X±.3					PCI_EXPRESS_CARD_EDGE ASSEMBLY(SMT)			
C	T07-1083	RC	05/25/'07				.XX±.20			MM				
D	T07-1120	RC	07/31/'07	0'±2'			XXX±.10			scale	1			
E	DG08-0111	RC	05/08/'08	dr	MAGGIE_WU	06'/6/21					dwg no		sheet 1 of 6	size
F	T08-1097	RC	06/03/'08	engr	RICHARD_CHIU	06'/6/21					10061913		A4	
G	T08-1188	JH	10/23/08	chr	PAUL_WANG	06'/6/21								
H	T10-0007	JH	1/30/10	appc	JOSEPH_HSIA	06'/6/21					type		CUSTOMER Drawing	
sheet index	revision sheet	H	H	H	H	H	H	H						



ADD-IN CARD EDGE-FINGER DIMENSIONS

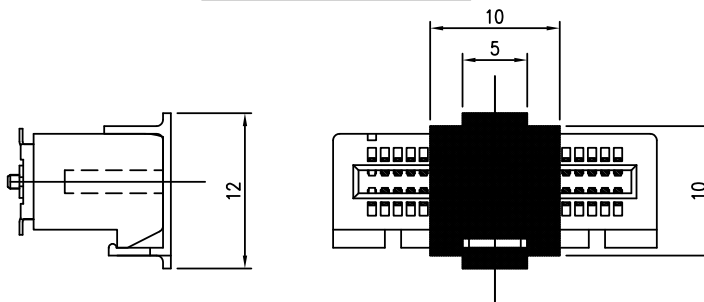
mat'l. code				surface 58		tolerance		projection		product family	
-				ISO 1302		ISO 406 ISO 101				PCI_EXPRESS	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
H	-	-	-	angles		.X±.2		MM		PCI_EXPRESS_CARD_EDGE ASSEMBLY(SMT)	
				linear		.XX±.13		scale 2		dwg no sheet 2 of 6 size	
				0°±2°		XXX±.05				10061913 A4	
				dr	MAGGIE_WU	06'/6/21			type		CUSTOMER Drawing
				engr	RICHARD_CHIU	06'/6/21					
				chr	PAUL_WANG	06'/6/21					
				app	JOSEPH_HZIA	06'/6/21					
sheet index	revision sheet										



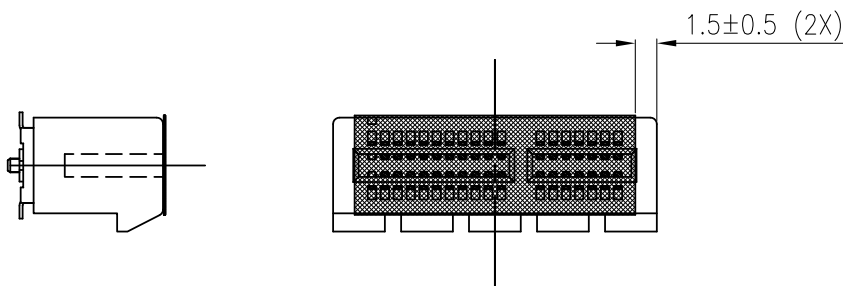
RECOMMENDED PCB LAYOUT, PAD TYPE

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

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mat'l. code				surface 58 ✓		tolerance ISO 406 ISO 101		projection		product family		
-				ISO 1302		ISO 101		MM		PCI_EXPRESS		
ltr	ecn no	dr	date	tolerances unless otherwise specified				title				
H	-	-	-	angles		.X±.2		PCI_EXPRESS_CARD_EDGE ASSEMBLY(SMT)				
				linear		.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_HZIA	06'/6/21						
sheet index		revision sheet						type		CUSTOMER Drawing		

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

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-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.

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

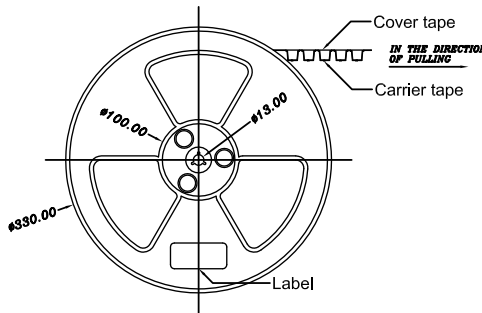
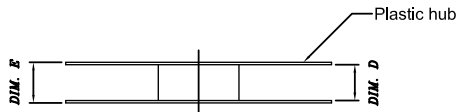
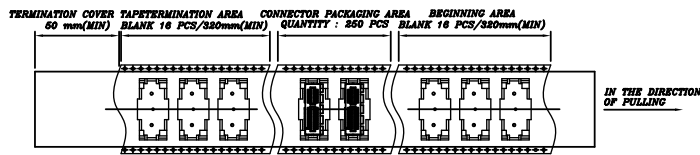
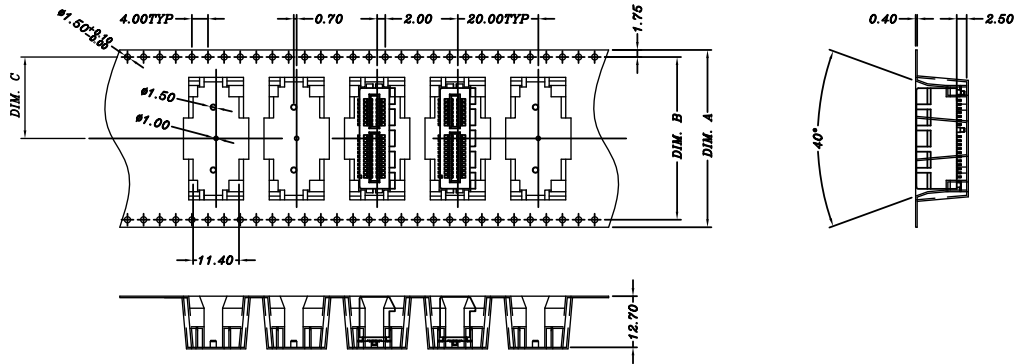
0-36
1-64
2-98
3-164



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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'	XXX±.05		scale 2		dwg no		sheet 4 of 6		size
				dr	MAGGIE_WU	06'/6/21				10061913		A4	
				engr	RICHARD_CHIU	06'/6/21							
				chr	PAUL_WANG	06'/6/21							
				app	JOSEPH_HSIA	06'/6/21							
sheet index		revision sheet											



TAPE AND REEL
 PACKING 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	.X±.3	MM		PCI_EXPRESS_CARD_EDGE ASSEMBLY(SMT)		
				linear	.XX±.20	scale 1				
				0'±2'	XXX±.10					
		dr	MAGGIE_WU	06'/6/21			dwg no		sheet 5 of 6	size
		engr	RICHARD_CHIU	06'/6/21			10061913		A4	
		chr	PAUL_WANG	06'/6/21						
		app	JOSEPH_HZIA	06'/6/21						
sheet index	revision sheet							type CUSTOMER Drawing		



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

2. Material :

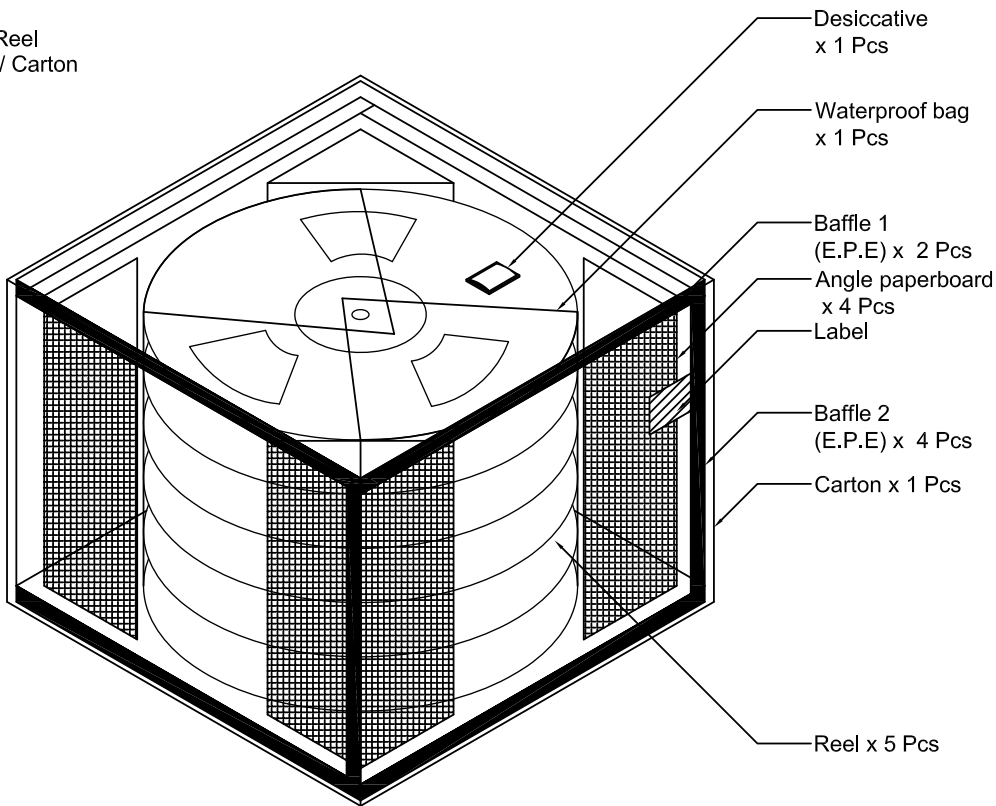
- 2.1 Reel :
 - 2.1.1 Plastic hub : High Impact Polystyrene
 - 2.1.2 Cover tape : PE
 - 2.1.3 Carrier tape : ABS
- 2.2 Waterproof bag : PE
- 2.3 Desiccative : Silica Gel
- 2.4 Carton : Corrugated paper
- 2.5 Baffle : E.P.E
- 2.6 Angle paperboard : Corrugated paper

3. Dimension :

- 3.1 Reel :
 - 3.1.1 Plastic hub : $\phi 330 \times T50.5$ mm
 - 3.1.2 Cover tape : $5690(L) \times 37.4(W)$ mm
 - 3.1.3 Carrier tape : $5640(L) \times 44(W)$ mm
- 3.2 Waterproof bag : $600(H) \times 465(W) \times 0.06(T)$ mm
- 3.3 Desiccative : 25 gram / Package
- 3.4 Carton : $380(L) \times 380(W) \times 300(H)$ mm
- 3.5 Baffle (1): $370(L) \times 370(W) \times 15(H)$ mm
- 3.6 Baffle (2): $355(L) \times 252(W) \times 15(H)$ mm
- 3.7 Angle paperboard : $252(H)$

4. Quantity :

- 4.1 250 Pcs / Reel
- 4.2 1,250 Pcs / Carton



A

A

B

B

C

C



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

D

D