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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						title									
A	—	—	—	angles	linear	.X±.2				PCI_EXPRESS_CARD_EDGE POST—FREE_ASSEMBLY(SMT)									
			.XX±.13																
			XXX±.05																
				0°±2°		scale 2				dwg no						sheet 2 of 6		size	
			dr	RICHARD_CHIU	1/30/'07		10076266						A4						
			enr	RICHARD_CHIU	1/30/'07														
			chr	PAUL_WANG	1/30/'07														
			app	JOSEPH_HSLA	1/30/'07														
sheet index		revision sheet		A	2														

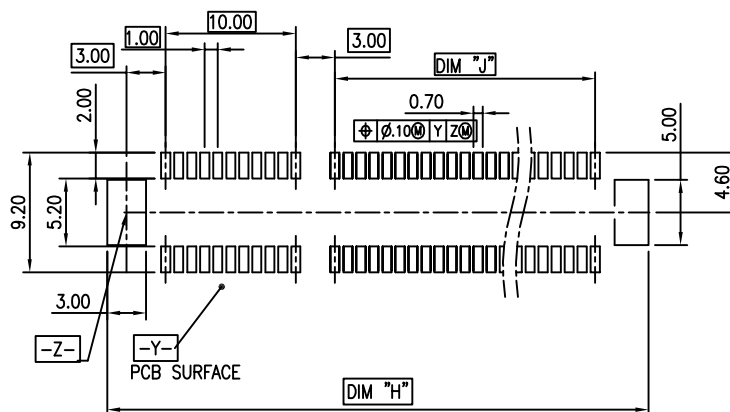
form: A4

1

2

1

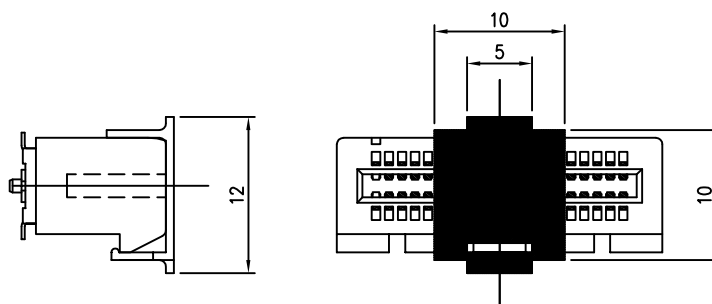
2



RECOMMENDED PCB LAYOUT, PAD TYPE

DIMENSIONS							
POSITION	A	B $\pm 0.15$ $-0.05$	C $\pm 0.20$	D $\pm 0.23$	E $\pm 0.20$	H $\pm 0.10$	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



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ltr	ecn no		dr	date		tolerances unless otherwise specified						title										
A	-		-	-		angles		linear		.X±.2		MM		PCI_EXPRESS_CARD_EDGE								
										.XX±.13				POST-FREE_ASSEMBLY(SMT)								
						0°±2°				XXX±.05		scale 2										
						dr	RICHARD_CHIU		1/30/'07				dwg no				sheet 3 of 6				size	
						engr	RICHARD_CHIU		1/30/'07				10076266				A4					
						chr	PAUL_WANG		1/30/'07													
						appd	JOSEPH_HSIA		1/30/'07													
sheet index		revision sheet		A	3								type CUSTOMER Drawing									

## 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  $\begin{matrix} - \\ Z \\ - \end{matrix}$ 

## 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

HOUSING COLOR OPTIONS

1-BLACK

LEAD FREE

## PACKAGING OPTIONS

T-TRAY PACKAGING WITHOUT CAP

R-TAPE &amp; REEL PACKING WITHOUT CAP (FOR 36P&amp;64P OPTIONS ONLY)

P-TAPE &amp; REEL PACKING WITH CAP (FOR 36P&amp;64P OPTIONS ONLY)

C-TRAY PACKAGING WITH CAP

M-TAPE&amp;REEL WITH MYLAR(36P&amp;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

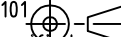
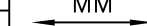

## POS OPTIONS

0-36

1-64

2-98

3-164

mat'l. code —				surface 58/ISO 1302		tolerance ISO 406 ISO 101		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	linear	.X±.2															
						.XX±.13															
				0°±2°		XXX±.05		scale 2		dwg no 10076266 sheet 4 of 6 size A4											
						dr RICHARD_CHIU 1/30/'07															
				engr RICHARD_CHIU 1/30/'07																	
				chr PAUL_WANG 1/30/'07																	
				appd JOSEPH_HSIA 1/30/'07						type CUSTOMER Drawing											
sheet index	revision	C																			
	sheet	4																			



C

D

I 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 :  $\varnothing 330 \times T50.5$  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 :

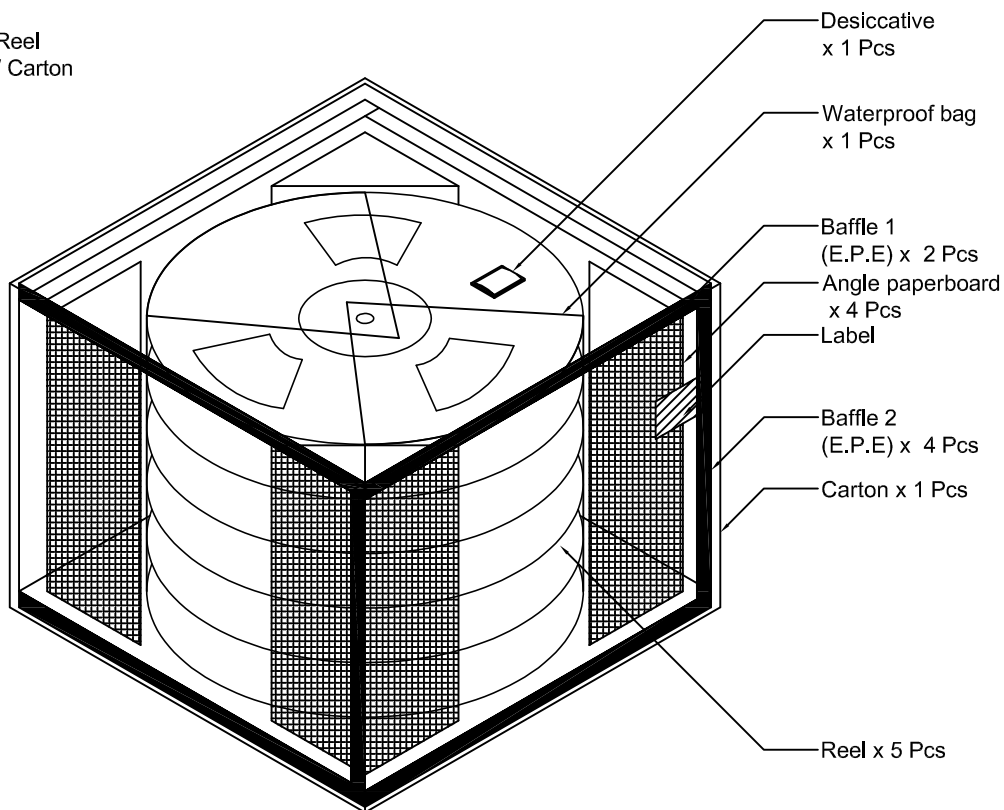
4.1 250 Pcs / Reel

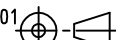


4.2 1250 Pcs / Carton

5. Weight :

5.1 N/W :

5.2 G/W :



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-				ISO 1302		✓	ISO 406		ISO 1101		PCI_EXPRESS										
ltr	ecn no		dr	date		tolerances unless otherwise specified								title							
A	-		-	-		angles	linear	.X±.3			PCI_EXPRESS_CARD_EDGE										
								.XX±.20			POST-FREE_ASSEMBLY(SMT)										
								0°±2'			XXX±.10		scale 1								
						dr	RICHARD_CHIU		1/30/'07			dwg no				sheet 6 of 6				size	
						enr	RICHARD_CHIU		1/30/'07			10076266				A4					
						chr	PAUL_WANG		1/30/'07												
						app	JOSEPH_HSIA		1/30/'07												
sheet index		revision sheet		A	6																