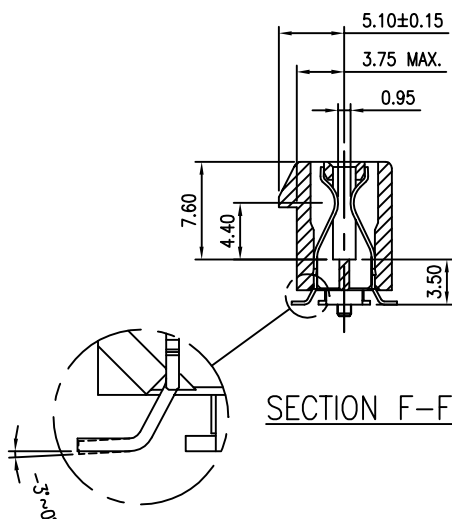
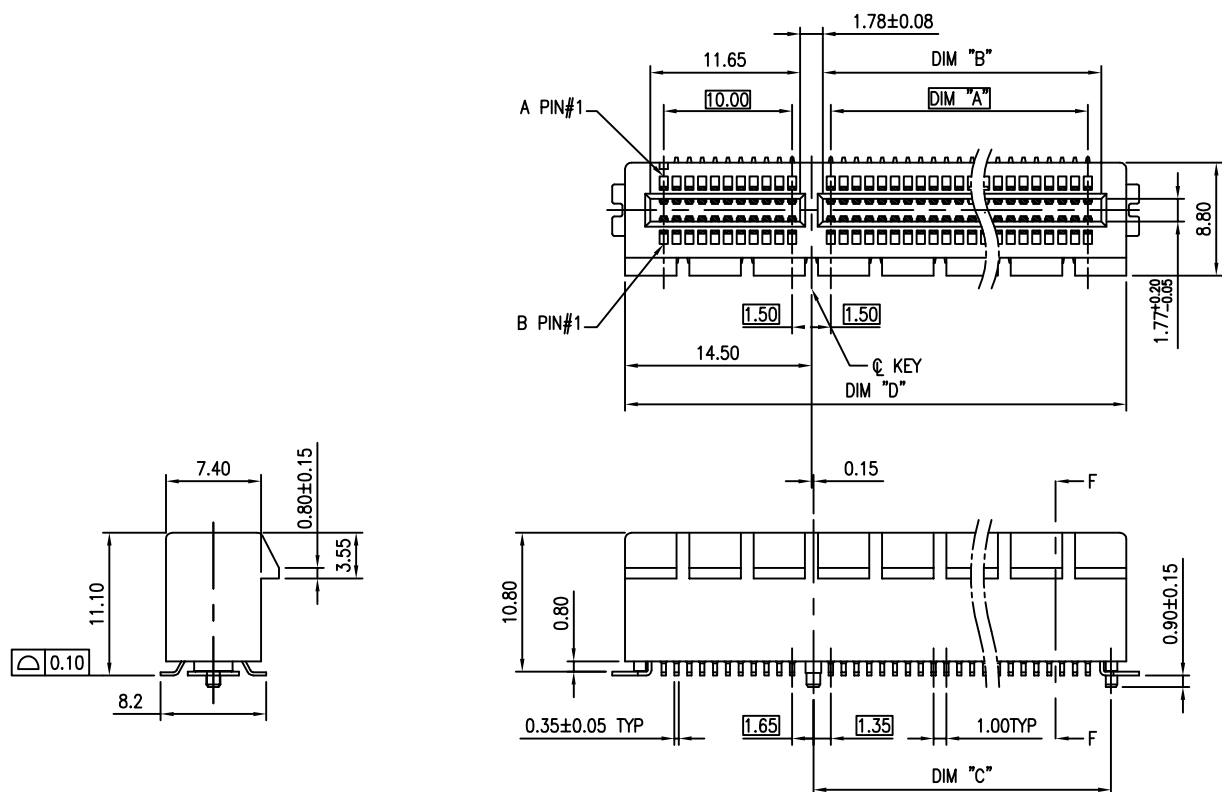
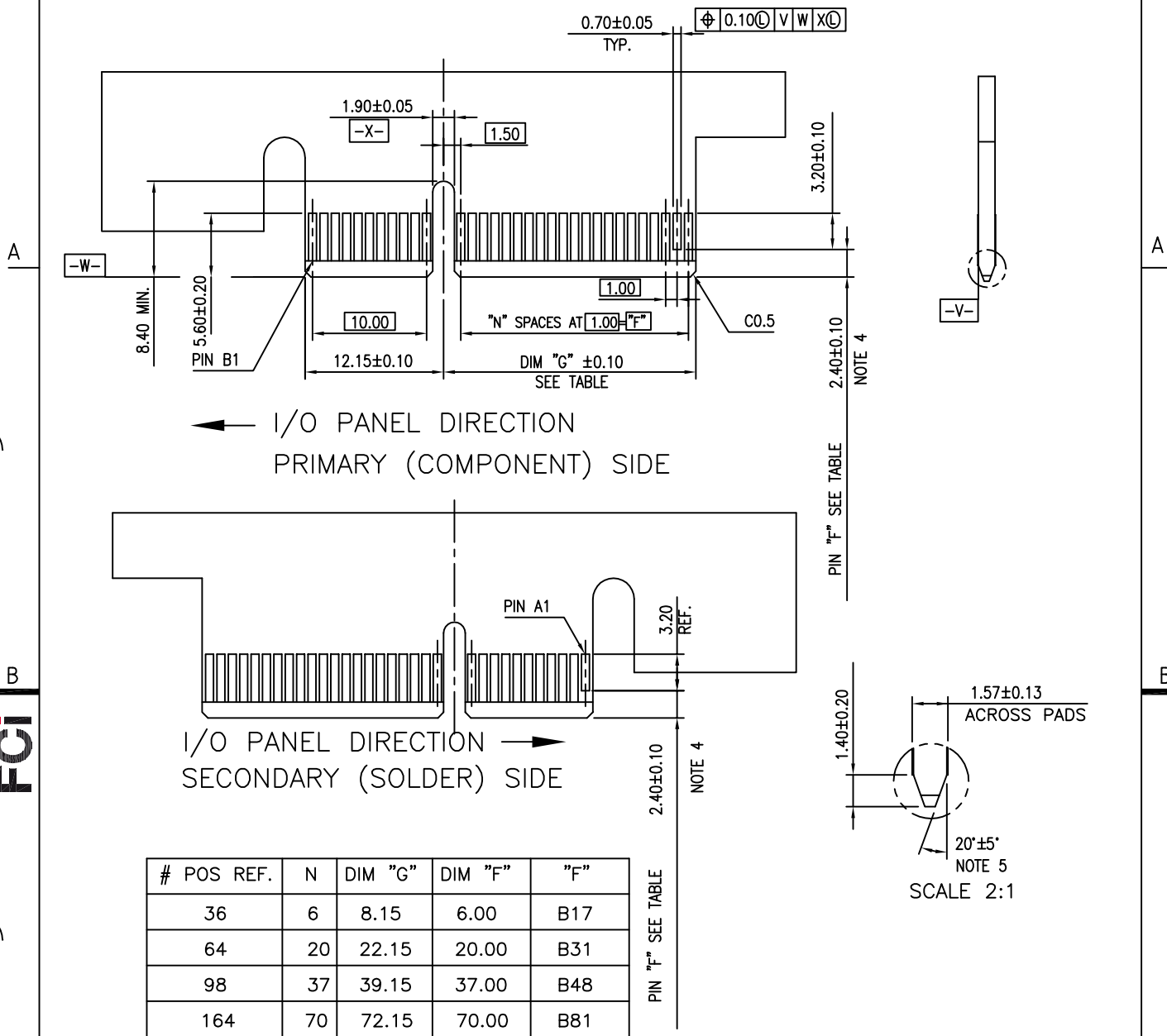




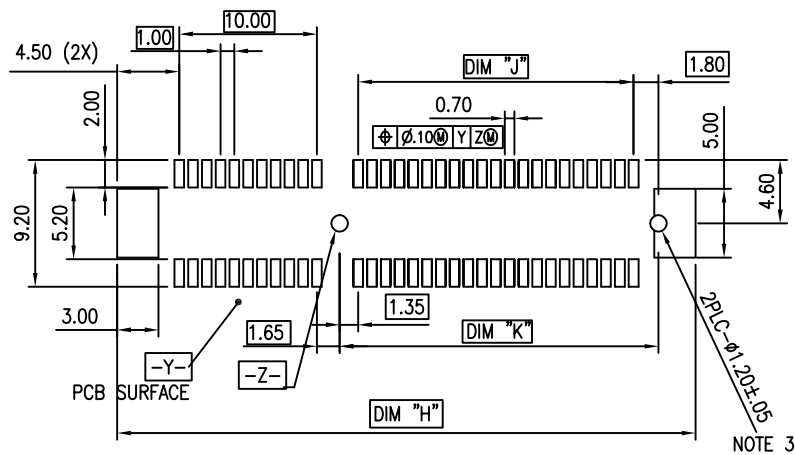
HOLD DOWN TYPE

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		MM	title			
B	ELX-DG-25671	ZH	12/19/2016	angles	.X±.3		PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)			
C	ELX-DG-26499	ZH	03/29/2017	linear	.XX±.20					
D	ELX-DG-27937	ZH	09/12/2017	0°±2°	XXX±.10					
E1	--	ZH	11/20/2018	dr	WINSTON_ZHU	2022-05-30	dwg no		sheet 1 of 6	size
F		ZH	04/16/2020	engr	ZHENHUA_LIU	2022-05-30	10138277			A4
				chr	MARS_LONG	2022-05-30				
				appd	HEAVEN_CEN	2022-05-30				
sheet index		revision	F				type		CUSTOMER Drawing	
		sheet								



ADD-IN CARD EDGE-FINGER DIMENSIONS

mat'l. code				surface 58/		tolerance		projection		product family			
-				ISO 1302		ISO 406 ISO 101		101		PCI_EXPRESS			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
				angles		linear		MM		PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)			
				0°±2°				scale 2					
				dr	WINSTON_ZHU	2022-05-30			dwg no		sheet 2 of 6	size	
				engr	ZHENHUA_LIU	2022-05-30			10138277			A4	
				chr	MARS_LONG	2022-05-30							
				appd	HEAVEN_CEN	2022-05-30							
sheet index		revision		F									
		sheet											

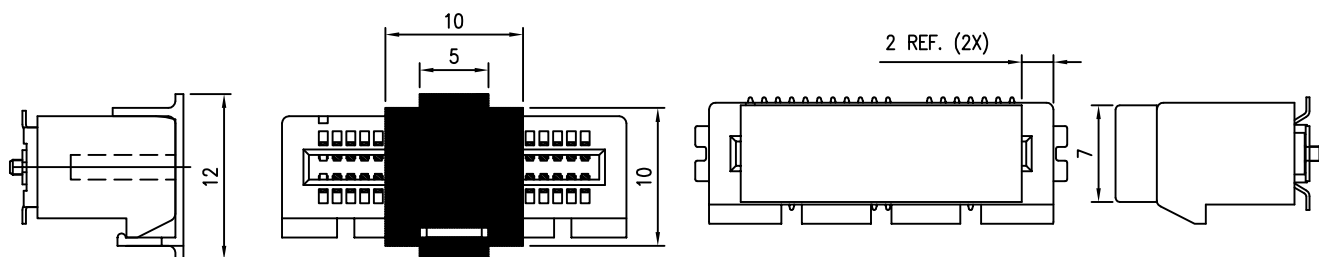


RECOMMENDED PCB LAYOUT, PAD TYPE

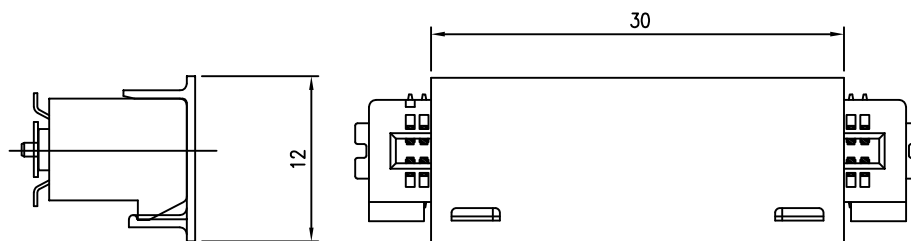
DIMENSIONS								
POSITION	A	B ± 0.15 -0.05	C ± 0.20	D ± 0.23	E ± 0.20	H ± 0.10	J	K ± 0.10
36	6.00	7.65	9.15	25.00	27.00	28.00	6.00	9.15
64	20.00	21.65	23.15	39.00	41.00	42.00	20.00	23.15
98	37.00	38.65	40.15	56.00	58.00	59.00	37.00	40.15
164	70.00	71.65	73.15	89.00	91.00	92.00	70.00	73.15

POSTION OF CAP

POSTION OF DUMMY CARD



POSTION OF CUSTOMIZED CAP(30X12)



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			
				angles	.X±.2	MM	PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)			
				linear	.XX±.13					
				0°±2°	XXX±.05	scale 2	dwg no			
				dr	WINSTON_ZHU	2022-05-30	sheet 3 of 6			size
				engr	ZHENHUA_LIU	2022-05-30	10138277			A4
				chr	MARS_LONG	2022-05-30	type			
				appd	HEAVEN_CEN	2022-05-30				
sheet index	revision	F								
	sheet									

NOTES:

1.MATERIAL:

HOUSING: NYLON, GLASS FILLED UL94V-0 RATE, HALOGEN FREE.

TERMINAL: COPPER ALLOY

PLATING: 50u" NICKEL UNDERPLATE ALL OVER

CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE

SOLDER TAIL: TIN 100u" 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 $\square Z \square$

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

⑤CHAMFER 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 PEAK TEMPERATURE FOR 5 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

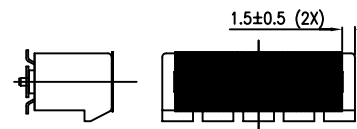
7.A $\triangle$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED

WITH CURRENT DRAWING REVISION.

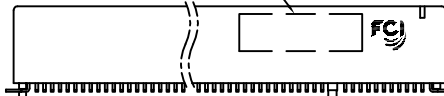
 $\triangle$ 8. DATE CODE: YYWW (ONLY FOR QLF & DLF)

YY: YEAR

WW: WEEK



POSITION OF MYLAR

DATE CODE $\triangle$ F1

PRODUCT NUMBER CODE

10138277-X X X X L F

HOUSING COLOR OPTIONS

0-WHITE

1-BLACK

LEAD FREE

PACKAGING OPTIONS

T-TRAY PACKAGING WITHOUT CAP

C-TRAY PACKAGING WITH CAP

N-TRAY PACKAGING WITH MYLAR

G-TRAY PACKAGING WITH DUMMY CARD

R-TAPE & REEL PACKAGING WITHOUT CAP OR MYLAR (FOR 36P & 64P&98P ONLY)

P-TAPE & REEL PACKAGING WITH CAP (FOR 36P & 64P& 98P OPTIONS ONLY)

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

F-TAPE & REEL PACKAGING WITHOUT CAP OR MYLAR (24MM PITCH FOR 98P ONLY)

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

Y-HARD TRAY (FOR 36P, 98P & 164P OPTION ONLY)

Z-HARD TRAY WITH MYLAR (FOR 36P, 98P & 164P OPTION ONLY)

B-HARD TRAY WITH CAP (FOR 36P, 98P & 164P OPTION ONLY)

H-CUSTOMIZED HARD TRAY WITH 30mm CUSTOMIZED CAP (FOR 98 & 164P ONLY)

Q-SMALLER HARD TRAY(323X136X19) WITH CAP(30x12mm) (FOR 164P ONLY)

D-SMALLER HARD TRAY WITH CHAMFER AT LEFT-BOTTOM SIDE (323x136x19) WITH 30mm CAP (FOR 164P ONLY)

S-SMALLER HARD TRAY(323x136x19 ,FOR 164P ONLY)

POS OPTIONS

0-36

1-64

2-98

3-164

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

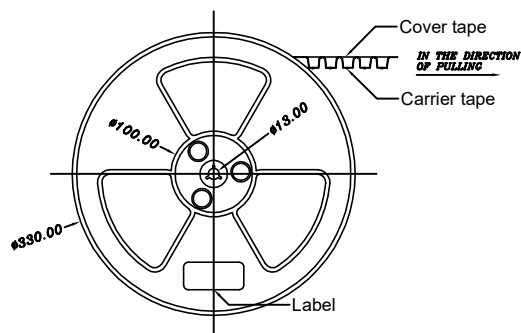
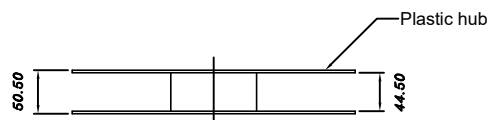
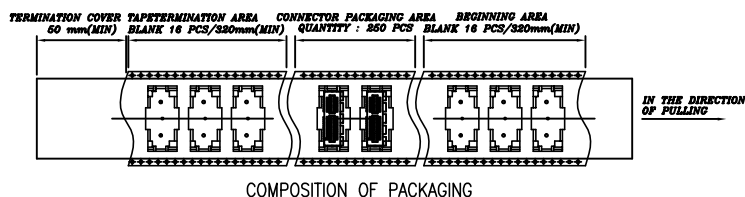
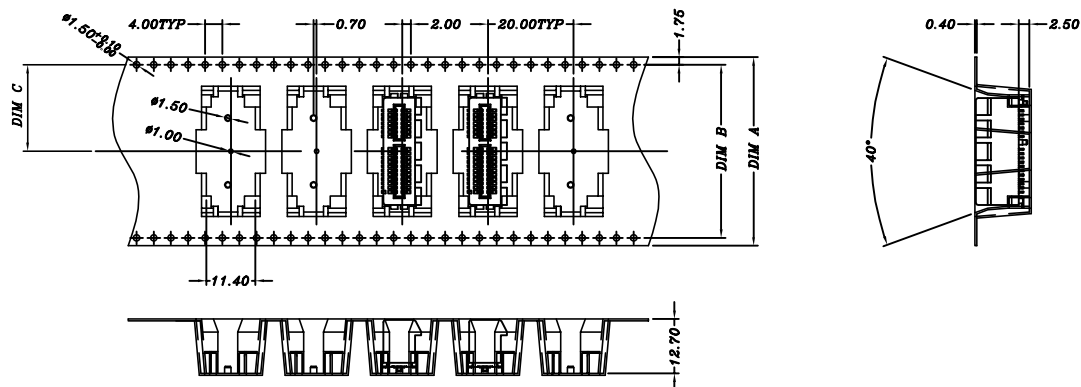
100u" TIN TAIL AREA ----- COMPATIBLE RoHS

3-50u" Ni UNDERPLATE

30u" Au CONTACT AREA

GOLD FLASH TAIL AREA ----- COMPATIBLE RoHS

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		MM	title			
				angles	.X±.2		PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)			
				linear	.XX±.13					
				0°±2°	XXX±.05	scale 2	dwg no			
				dr	WINSTON_ZHU	2022-05-30	sheet 4 of 6			
				engr	ZHENHUA_LIU	2022-05-30	10138277			
				chr	MARS_LONG	2022-05-30				
				appd	HEAVEN_CEN	2022-05-30	type			
sheet	revision	F					CUSTOMER Drawing			
index	sheet									



TAPE AND REEL
PACKING
RECOMMENDED FOR
36PINS ONLY

DIMENSIONS					
POSITIONS	A	B	C	D REF.	E REF.
36 (10081913-2000ALF)	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			
				angles		linear		MM		PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)			
				0°±2°		XXX±.10		scale 1		dwg no sheet 5 of 6 size			
				dr	WINSTON_ZHU	2022-05-30	Amphenol FCI		10138277		A4		
				enr	ZHENHUA_LIU	2022-05-30			type		CUSTOMER Drawing		
				chr	MARS_LONG	2022-05-30							
				app	HEAVEN_CEN	2022-05-30							
sheet index	revision	F											
	sheet												

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

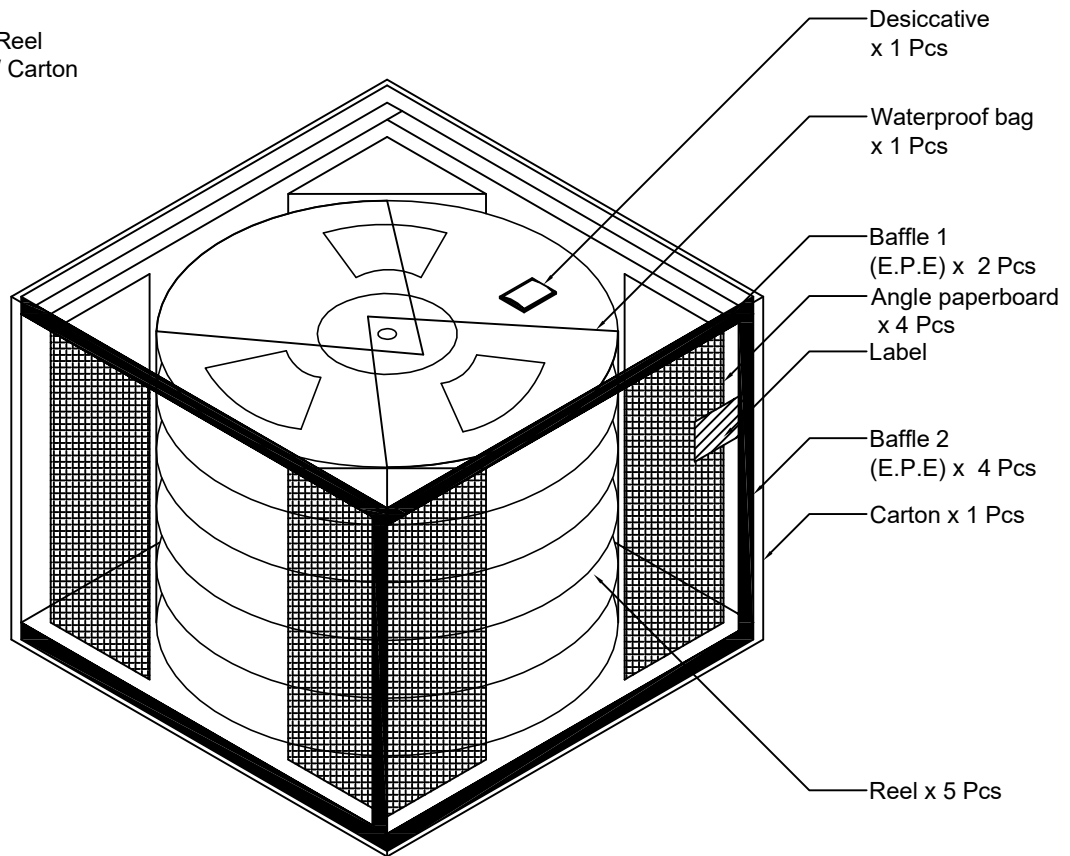
3. Dimension :

3.1 Reel :

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



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			
				angles	.X $\pm$.3	MM	PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)			
				linear	.XX $\pm$.20					
				0 $\pm$ 2'	XXX $\pm$.10					
				dr	WINSTON_ZHU	2022-05-30	Amphenol FCI	dwg no		sheet 6 of 6
				engr	ZHENHUA_LIU	2022-05-30		10138277		size
				chr	MARS_LONG	2022-05-30				A4
				appd	HEAVEN_CEN	2022-05-30		type		CUSTOMER Drawing
sheet	revision	F								
index	sheet									