



RECOMMEND OF PCB DIMENSIONS

# POS REF.	N	DIM "H"	DIM "E"
36	6	12.30	6.00
64	20	26.30	20.00
98	37	43.30	37.00
164	70	76.30	70.00

mat'l. code		surface		tolerance		projection		product family	
-		-		ASME Y14.5				PCL_EXPRESS	
tr		ecm no		dr		date		title	
								PCL_EXPRESS_CARD_EDGE_GEN3	
				tolerances unless otherwise specified				STRADDLE_MOUNT_ASS'Y	
				angles		MM			
				±.02		←			
				.00±0.13		→			
				±.2		scale N/A		dwg no	
				.000±0.05				sheet 2 of 7	
		ZHENHUA_LIU		2016-03-25				size	
		ZHENHUA_LIU		2016-03-25				A4	
		engr		2016-03-25					
		chr		2016-03-25					
sheet		revision		L				CUSTOMER Drawing	
index		sheet		7					



PIN "F" SEE TABLE 2.40
NOTE 3



mat'l. code		surface		tolerance		projection		product family	
-		-		ASME Y14.5				PCL_EXPRESS	
tolerances unless otherwise specified								title	
ltr	ecm no	dr	date	angles		MM		PCL_EXPRESS_CARD_EDGE_GEN3	
				±2	.000 ± 0.05	↔		STRADDLE_MOUNT_ASS'Y	
						scale N/A		dwg no	
								sheet 3 of 7	
								size	
								A4	
								type	
								CUSTOMER Drawing	
sheet	revision	L							
index	sheet	7							

NOTES:

1. MATERIAL: RATED.
- HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0
- TERMINAL: COPPER ALLOY
- PLATING: SEE PRODUCT NUMBER CODE
- METAL BOARD LOCKS: COPPER ALLOY
- FINISH: 100u" TIN OVER 50u" NICKEL UNDERPLATE
2. PRODUCT SPECIFICATION: GS-12-233
- ③ NO THE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND PIN NUMBERS "F".
- ④ CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
- ⑤ FREQUENCY & LOCATION AT SUPPLIER DISCRETION. RIDGE MAY BE CONTINUOUS WITH NO BREAKS.
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 SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A REFLOW SOLDER APPLICATION.

PRODUCT NUMBER CODE

10025026 -X 0 X 0 X 1 0 0

LEAD FREE OPTIEION

"LF" FOR TERMINAL PLATING OPTION 0,1,2

- HOUSING COLOR OPTIONS
- 0-NATURAL, HALOGEN
 - 1-BLACK, HALOGEN
 - 2-NATURAL, HALOGEN FREE
 - 3-BLACK, HALOGEN FREE

RESERVE

POS OPTIONS

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

PACKAGING OPTIONS

- T: TRAY PACKAGING(IN GENERAL VERTICAL DIRECTION)
- C: TAPE & REEL WITH INSERT CAP (FOR 98P ONLY)
- H: TRAY PACKAGING(IN SPECIAL HORIZONTAL DIRECTION FOR 164P ONLY)
- P: TRAY PACKAGING WITH INSERT CAP
- Δ S: TRAY PACKAGING WITH INSERT CAP(IN SPECIAL HORIZONTAL DIRECTION)

TAIL LENGTH OPTIONS

DIM "D"	PCB THICKNESS
3.85 +0.25 -0.13	1.56

CONNECTOR	#	POS REF.	N	DIM "A"	DIM "B"	DIM "C"	"E"	"F"
1 PORT	36	6	7.65	25.00	12.30	6.00	34.8	
4 PORT	64	20	21.65	39.00	26.30	20.00	48.8	
8 PORT	98	37	38.65	56.00	43.30	37.00	65.8	
16 PORT	164	70	71.65	89.00	76.30	70.00	98.8	

TERMINAL PLATING OPTIONS

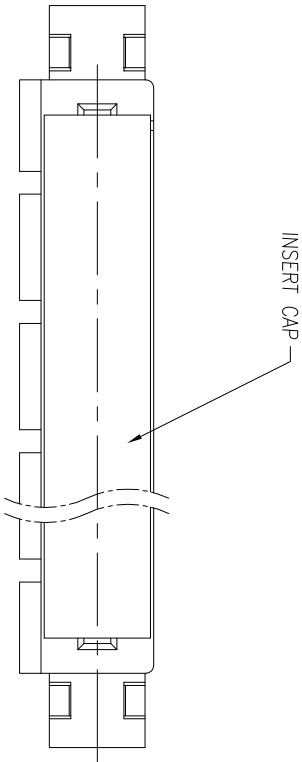
- 0-50u" NI UNDERPLATE
- 30u" Au CONTACT AREA
- 100u" TIN TAIL AREA ----- COMPATIBLE ROHS
- 1-50u" NI UNDERPLATE
- 15u" Au CONTACT AREA
- 100u" TIN TAIL AREA ----- COMPATIBLE ROHS
- 2-50u" NI UNDERPLATE
- GOLD FLASH CONTACT AREA
- 100u" TIN TAIL AREA ----- COMPATIBLE ROHS
- 3-50u" NI UNDERPLATE
- 30u" Au CONTACT AREA
- 100u" TIN/LEAD TAIL AREA ----- INCOMPLIANT ROHS
- 4-50u" NI UNDERPLATE
- 15u" Au CONTACT AREA
- 100u" TIN/LEAD TAIL AREA ----- INCOMPLIANT ROHS
- 5-50u" NI UNDERPLATE
- GOLD FLASH CONTACT AREA
- 100u" TIN/LEAD TAIL AREA ----- INCOMPLIANT ROHS

mat'l. code		surface		tolerance		projection		product family	
lfr	ecn no	dr	date	tolerances unless otherwise specified	ASME Y14.5	MM	MM	PCI_EXPRESS	PCI_EXPRESS
				angles	±0.30				
				±2°	.000±0.10				
				dr	ZHENHUA_LIU	2016-03-25			
				engr	ZHENHUA_LIU	2016-03-25			
				chr	STONE_LI	2016-03-25			
				dppd	PM_ZHENG	2016-03-25			
sheet	revision	L							
index	sheet	7							

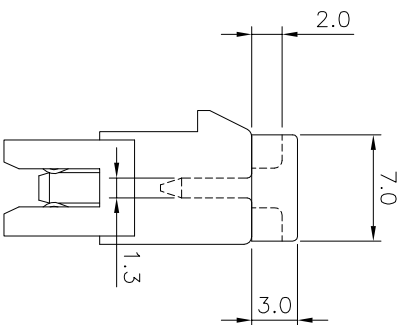
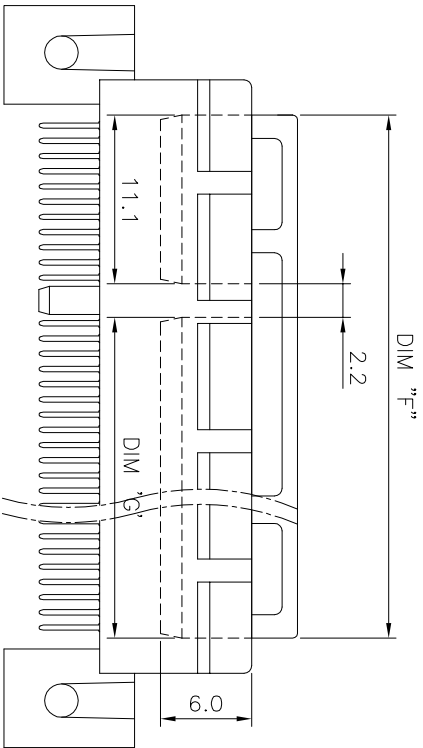


NOTES:

1. MATERIAL:
INSERT CAP: THERMOPLASTIC UL94V-0; BLACK COLOR.



DIMENSIONS			
POSITION	F	G	
36	20.4	7.1	
64	34.4	21.1	
98	51.4	38.1	
164	84.4	71.1	



A

B

A

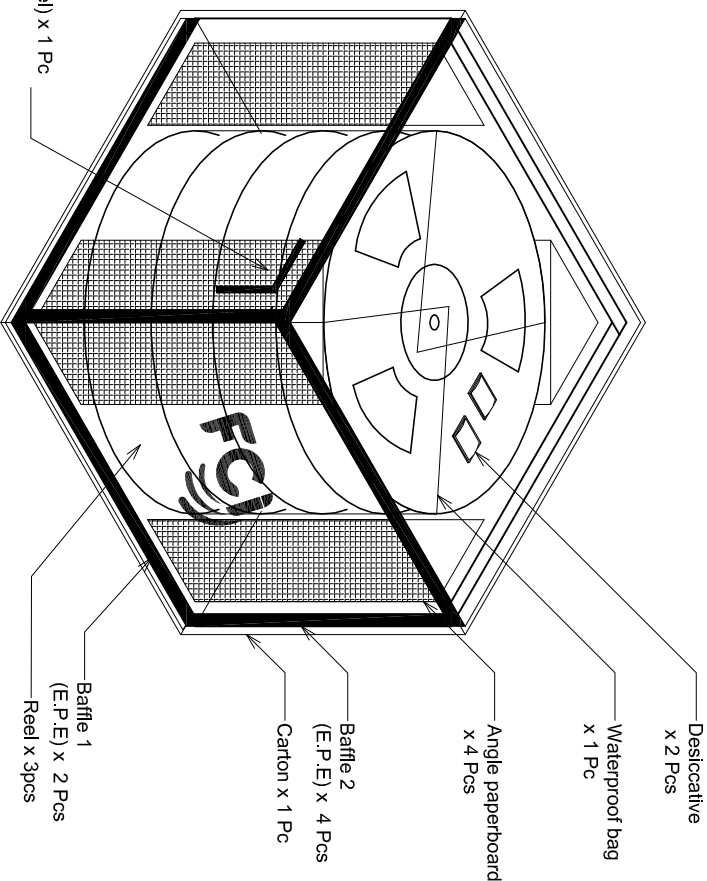
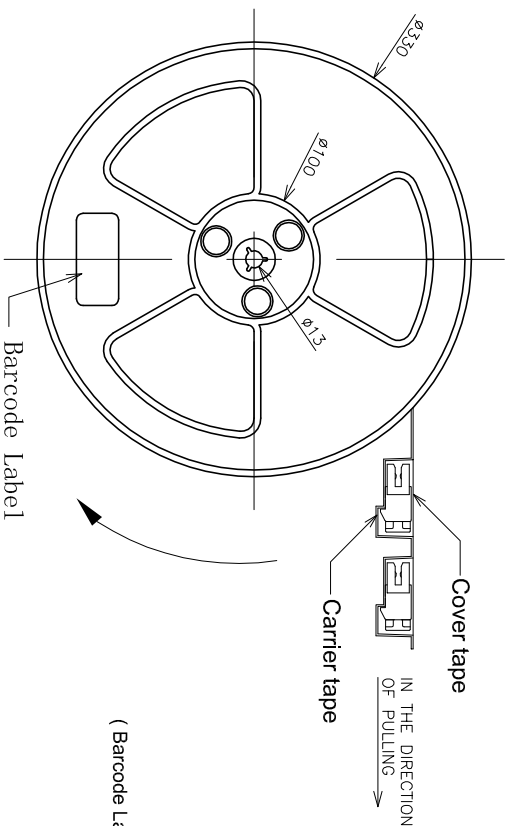
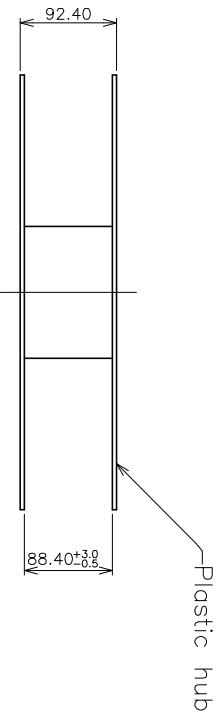
B

mat'l. code				surface		tolerance	projection	product family	
-				-		ASME Y14.5		PCI EXPRESS	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
				angles	±2°	.000±0.10	MM	PCI_EXPRESS_CARD_EDGE_GEN3	
				±2°				STRADDLE_MOUNT_ASSY	
				dr	ZHENHUA_LIU	2016-03-25	scale N/A	dwg no	
				engr	ZHENHUA_LIU	2016-03-25		sheet 5 of 7	
				chr	STONE_LI	2016-03-25		10025026	
				dppd	PM_ZHENG	2016-03-25		size	
sheet	revision	L						A4	
index	sheet	7						CUSTOMER Drawing	

5

NOTE:

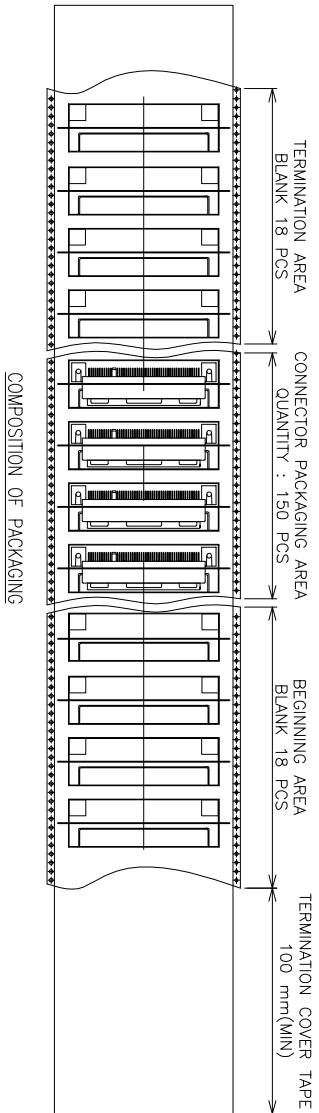
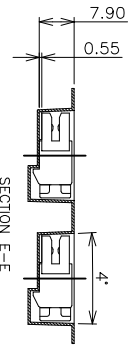
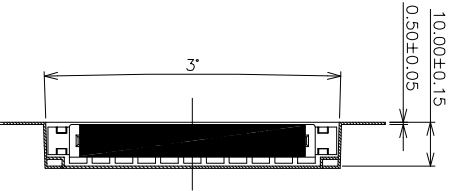
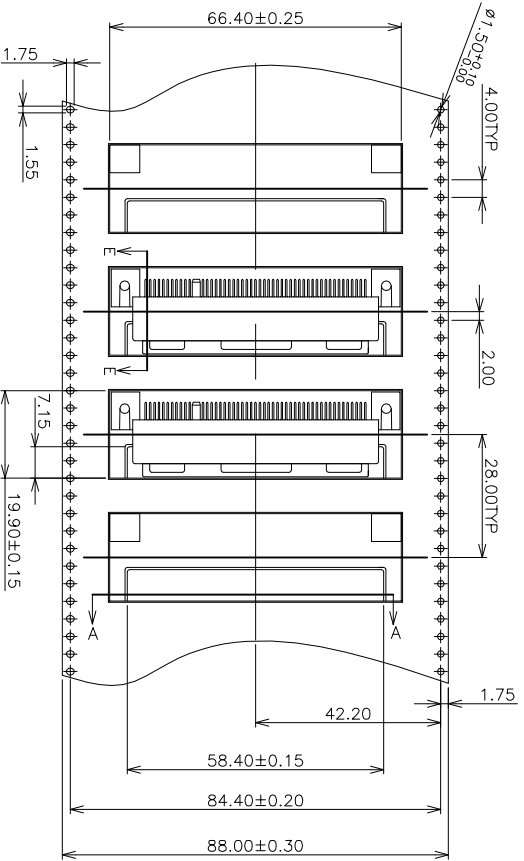
1. REEL MATERIAL : PS, BLACK
2. CARRIER MATERIAL : PS
3. COVER TAPE MATERIAL : PS
4. COVER TAPE REEL STRENGTHH : 13"
5. QUANTITY : 150 PCS/REEL
6. Carton : 380(L) * 380(W) * 300(H) mm



Part No
10025026-XXXXC(LF)

NO. OF CONTACTS	98
REEL/CARTON	3
PCS/REEL	150
QUANTITY(PCS)	450

mat'l. code				surface		tolerance	projection		product family	
lfr	ecn	no	dr	date		ASME Y14.5			PCI_EXPRESS	PCI_EXPRESS
					angles	± 0.30				
					$\pm 2^\circ$	$.000 \pm 0.10$				
					dr	ZHENHUA_LIU	2016-03-25			
					engr	ZHENHUA_LIU	2016-03-25			
					chr	STONE_LI	2016-03-25			
					qppd	PM_ZHENG	2016-03-25			
sheet		revision	L							
index		sheet	7							



mat'l. code		surface	tolerance	projection	product family	
-		-	ASME Y14.5		PCI_EXPRESS	
lfr	ecm	no	dr	date	title	
					PCI_EXPRESS_CARD_EDGE_GEN3	
				angles	STRADDLE_MOUNT_ASS'y	
				±2°		
				±.002±.020		
				±.002±.010		
				scale N/A		
			dr	ZHENHUA_LIU	2016-03-25	
			engr	ZHENHUA_LIU	2016-03-25	
			chr	STONE_LI	2016-03-25	
			appd	PM_ZHENG	2016-03-25	
sheet	revision	L			type	
index	sheet	7			CUSTOMER Drawing	