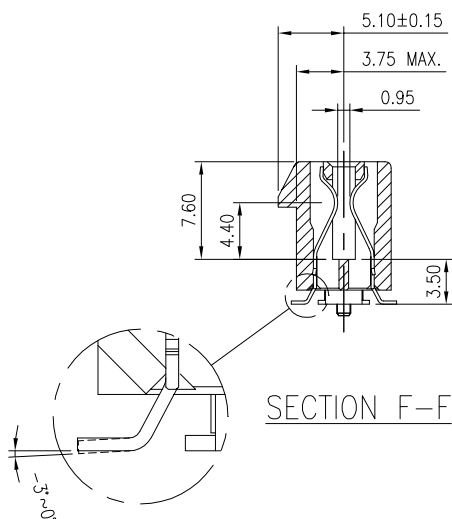
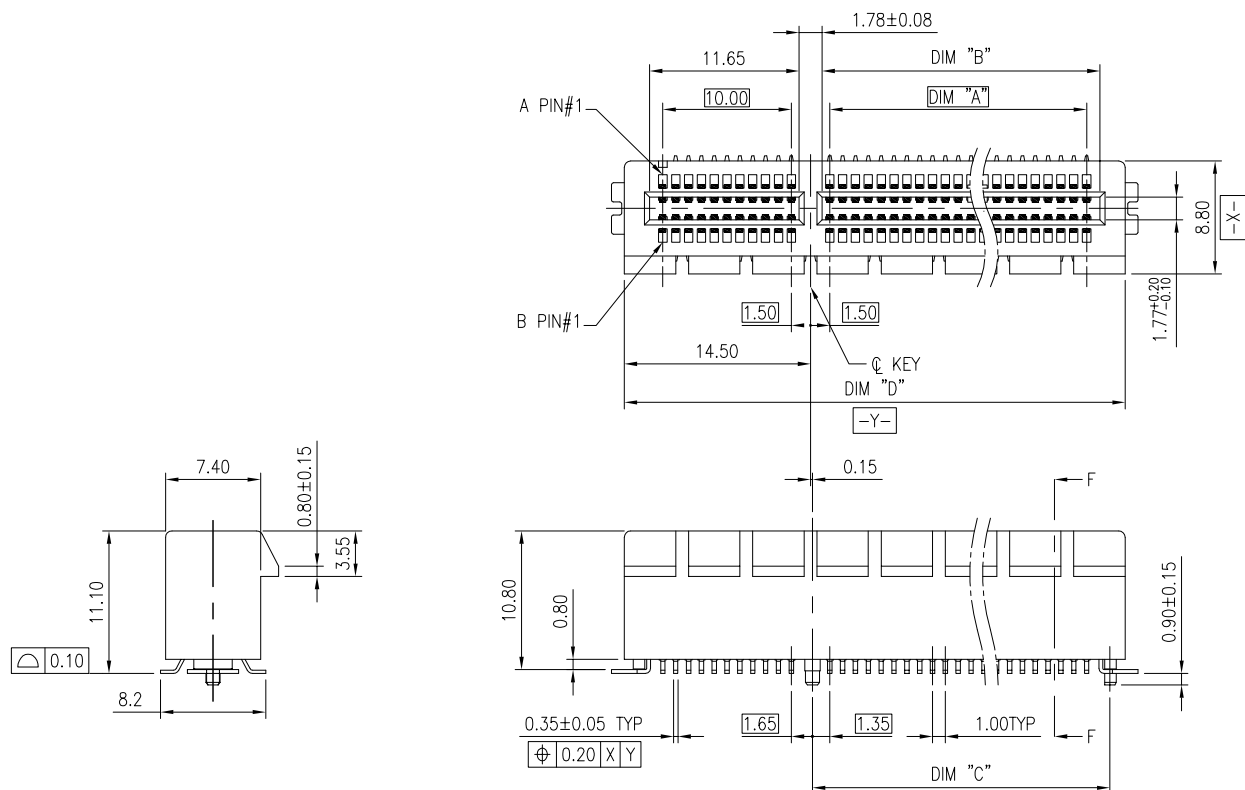
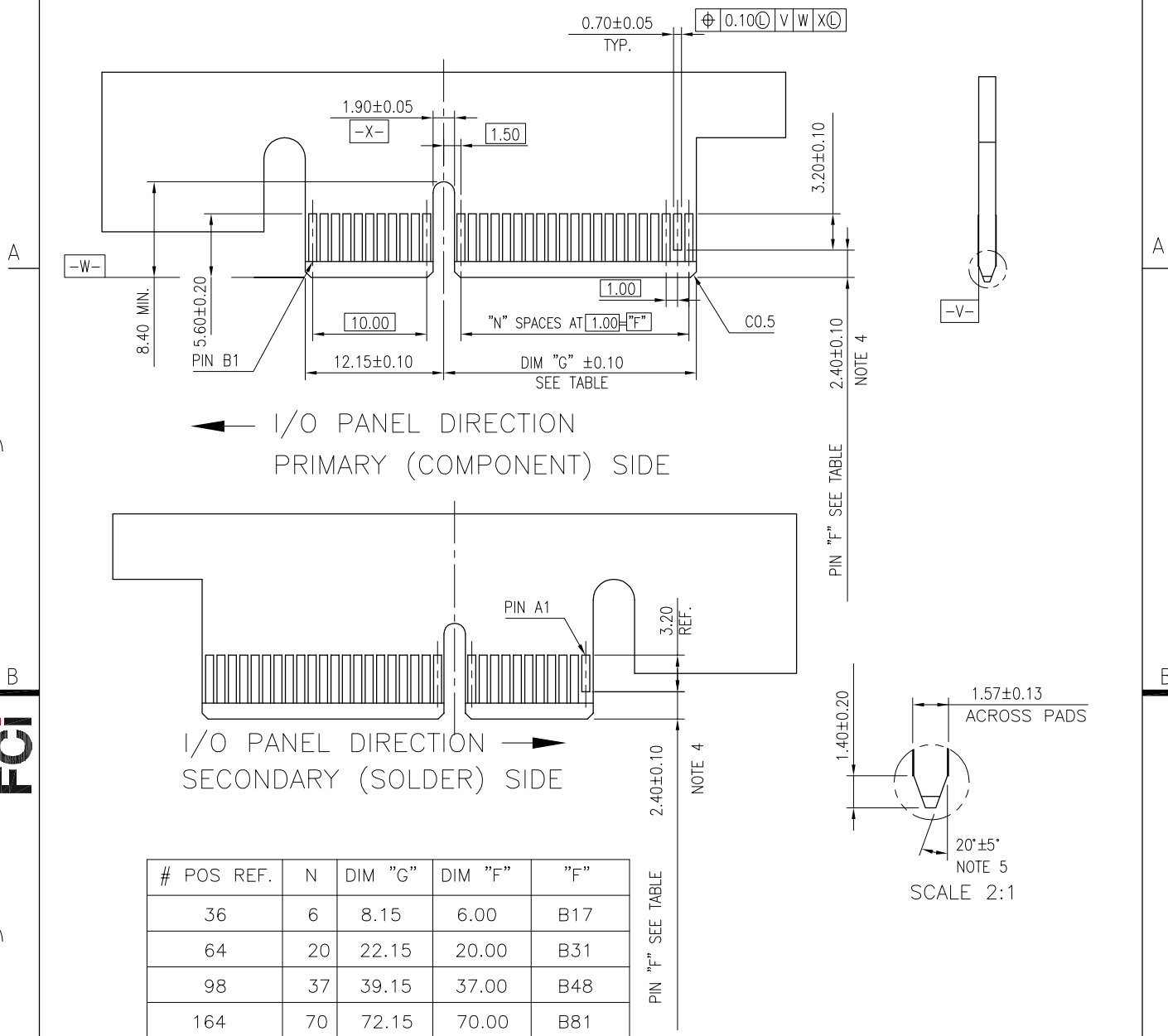




HOLD DOWN TYPE

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 scale 1		title									
J	ELX-DG-14311	WL	2013/03/21	angles	linear	.X±.3		PCI_EXPRESS_CARD_EDGE_GEN3													
K	ELX-DG-16269	ST	2013/11/13			.XX±.20		ASSEMBLY(SMT)													
L	ELX-DG-21161-1	ST	2015/05/27			XXX±.10															
M	ELX-DG-24164	ZH	2016/06/01	dr	STONE_LI		2015/05/27				dwg no		sheet 1 of 6				size				
N	ELX-DG-25671-1	ZH	2016/12/19	engr	STONE_LI		2015/05/27				10061913		A4								
P	ELX-DG-27937	ZH	2017/09/12	chr	/		/														
				appd	PM_ZHENG		2015/05/27														
sheet index		revision		P																	
		sheet																			



ADD-IN CARD EDGE-FINGER DIMENSIONS

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								 scale 2				title PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)													
				angles linear				.X±.2																					
								.XX±.13																					
				0°±2°				XXX±.05																					
				dr		STONE_LI				2015/05/27				Amphenol FCI dwg no sheet 2 of 6 size 10061913 A4 type CUSTOMER Drawing															
				engr		STONE_LI				2015/05/27																			
				chr		/				/																			
				appd		PM_ZHENG				2015/05/27																			
sheet index		revision sheet		P																									

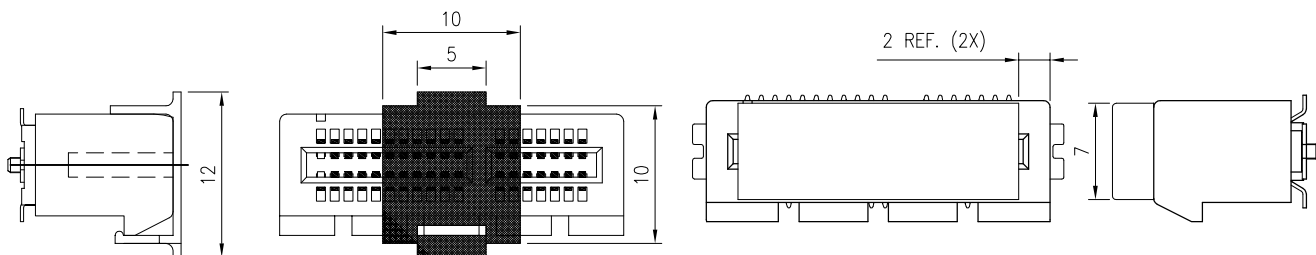


RECOMMENDED PCB LAYOUT, PAD TYPE

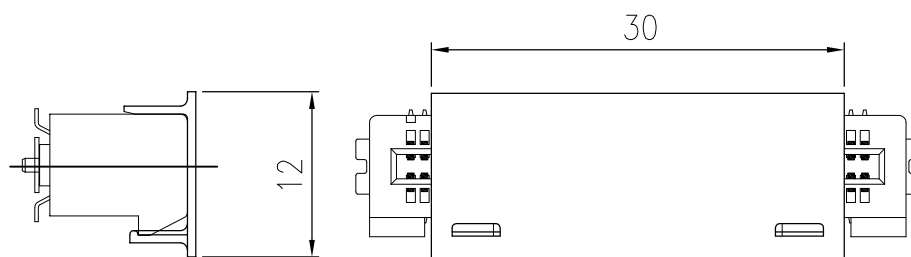
DIMENSIONS								
POSITION	A	B $\begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$	C ± 0.20	D ± 0.23	E ± 0.20	H ± 0.10	J	K ± 0.10
36	6.00	7.65	9.15	25.00	27.00	28.00	6.00	9.15
64	20.00	21.65	23.15	39.00	41.00	42.00	20.00	23.15
98	37.00	38.65	40.15	56.00	58.00	59.00	37.00	40.15
164	70.00	71.65	73.15	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 ✓ ISO 1302		tolerance ISO 406 ISO 101		projection 		product family PCI_EXPRESS									
ltr	ecn no	dr	date	tolerances unless otherwise specified				scale 2		title PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)									
				angles	linear					.X±.2	.XX±.13	.XXX±.05							
				0°±2°															
				dr	STONE_LI	2015/05/27			dwg no						sheet 3 of 6		size		
				engr	STONE_LI	2015/05/27			10061913						A4				
				chr	/	/													
				appd	PM_ZHENG	2015/05/27													
sheet index		revision sheet		P															

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.

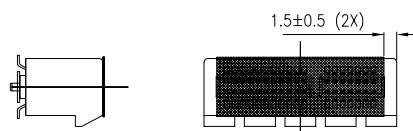
6.RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE

b - MANUFACTURING PROCESS COMPATIBILITY

- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C 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.

POSITION OF MYLAR

PRODUCT NUMBER CODE

10061913-X X X X L F

LEAD FREE

HOUSING COLOR OPTIONS

0-WHITE
1-BLACK

PACKAGING OPTIONS

T-TRAY PACKAGING WITHOUT CAP
C-TRAY PACKAGING WITH CAP
N-TRAY PACKAGING WITH MYLAR
G-TRAY PACKAGING WITH DUMMY CARD
V-TRAY FOR VACUUM PACKAGING
R-TAPE & REEL PACKAGING WITHOUT CAP OR MYLAR (FOR 36P & 64P ONLY)
P-TAPE & REEL PACKAGING WITH CAP (FOR 36P & 64P & 98P ONLY)
Q-TAPE & REEL PACKAGING WITH CAP (CUSTOMIZED FOR 98P ONLY)
M-TAPE & REEL PACKAGING WITH MYLAR (FOR 36P & 64P & 98P ONLY)
J-TAPE & REEL PACKAGING(24MM PITCH) WITH MYLAR (FOR 98P & 164P ONLY)
U-REEL FOR VACUUM PACKAGING
A-44MM WIDTH TAPE&REEL PACKING WITH MYLAR(FOR 36P ONLY)
Y-HARD TRAY (338x234 FOR 36P, 98P & 164P OPTION ONLY)
Z-HARD TRAY (338x234)WITH MYLAR (FOR 36P, 98P & 164P OPTION ONLY)
B-HARD TRAY (338x234)WITH CAP (FOR 36P, 98P & 164P OPTION ONLY)
H-CUSTOMIZED HARD TRAY (330x235x19.3)WITH 30mm CAP (FOR 98 & 164P ONLY)
D-SMALLER HARD TRAY WITH CHAMFER AT LEFT-BOTTOM SIDE (323x136x19) WITH 30mm CAP (FOR 164P ONLY) $\triangle$

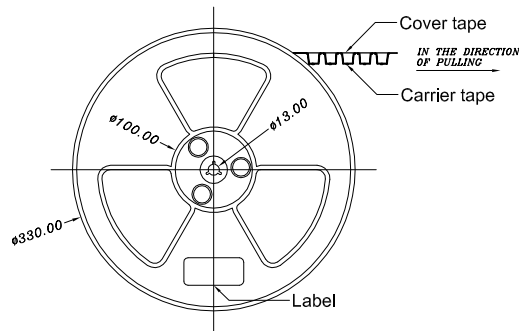
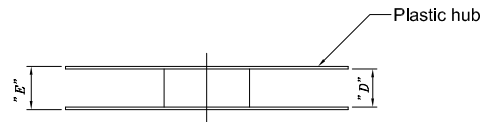
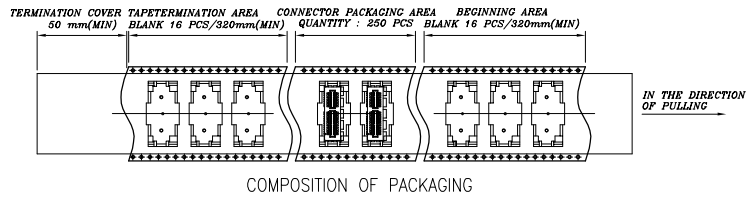
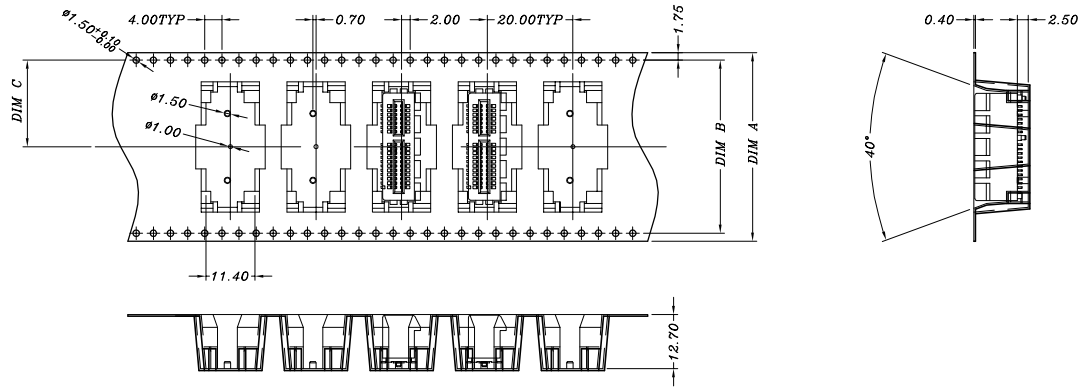
TERMINAL PLATING OPTIONS

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

POS OPTIONS

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

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		PCI_EXPRESS_CARD_EDGE_GEN3			
								linear		ASSEMBLY(SMT)			
								0°±2°		scale 2			
								dr		sheet 4 of 6		size	
								engr		10061913		A4	
								chr		CUSTOMER Drawing			
								appd					
sheet		revision		P									
index		sheet											



TAPE AND REEL
PACKING
RECOMMENDED FOR
36PINS ONLY

DIMENSIONS					
POSITIONS	A	B	C	D REF.	E REF.
36 (10061913-xxxALF)	44.00	40.40	20.20	44.5	50.5
36	56.00	52.60	26.30	56.4	60.4
64	56.00	52.60	26.30	56.4	60.4
98	88.00	79.60	39.80	88.4	92.4

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				PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)									
				0°±2°		.X±.3		MM		scale 1									
						.XX±.20				dwg no									
						xxx±.10				sheet 5 of 6									
				dr		STONE_LI		2015/05/27		size									
				engr		STONE_LI		2015/05/27		A4									
				chr		/		/		10061913									
				appd		PM_ZHENG		2015/05/27		type									
										CUSTOMER Drawing									
sheet index	revision	P																	
	sheet																		

I For PCI EXPRESS SMT TYPE 36P ONLY.

2. Material :

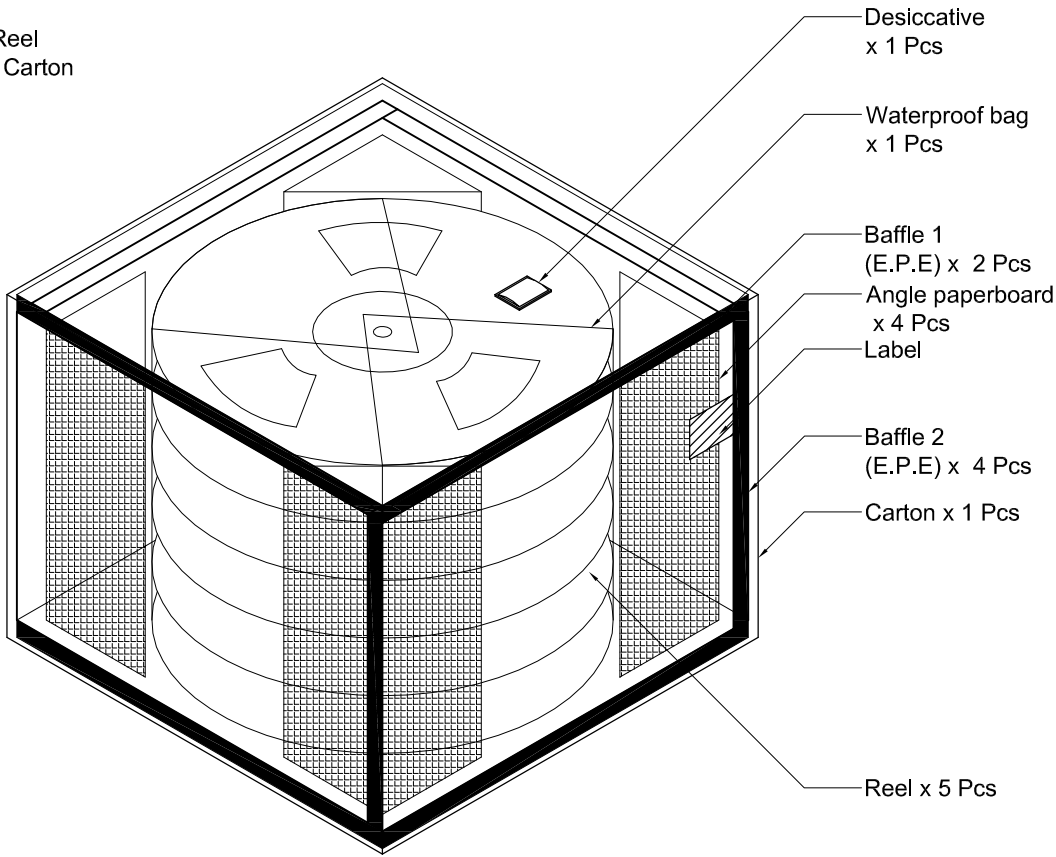
- 2.1 Reel :
 - 2.1.1 Plastic hub : High Impact Polystyrene
 - 2.1.2 Cover tape : PE
 - 2.1.3 Carrier tape : ABS
- 2.2 Waterproof bag : PE
- 2.3 Desiccative : Silica Gel
- 2.4 Carton : Corrugated paper
- 2.5 Baffle : E.P.E
- 2.6 Angle paperboard : Corrugated paper

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



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			PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)									
				linear												
				0°±2°		MM	scale 1									
				dr	STONE_LI	2015/05/27										
				engr	STONE_LI	2015/05/27										
				chr	/	/										
				appd	PM_ZHENG	2015/05/27										
sheet index	revision	P					dwg no									
	sheet						sheet 6 of 6									
							size									
							10061913									
							A4									
							type									
							CUSTOMER Drawing									

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[10061913-110RLF](#) [10061913-102PLF](#) [10061913-121PLF](#) [10061913-003CLF](#) [10061913-132CLF](#) [10061913-103BLF](#)
[10061913-003ZLF](#) [10061913-112PLF](#) [10061913-113NLF](#) [10061913-113BLF](#) [10061913-131CLF](#) [10061913-120PLF](#)
[10061913-112NLF](#) [10061913-133CLF](#) [10061913-103NLF](#) [10061913-120MLF](#) [10061913-110MLF](#) [10061913-](#)
[120RLF](#) [10061913-103ZLF](#) [10061913-121MLF](#) [10061913-100ALF](#) [10061913-122PLF](#)