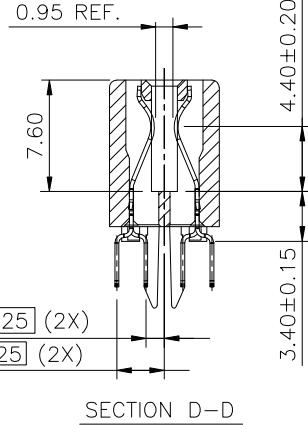
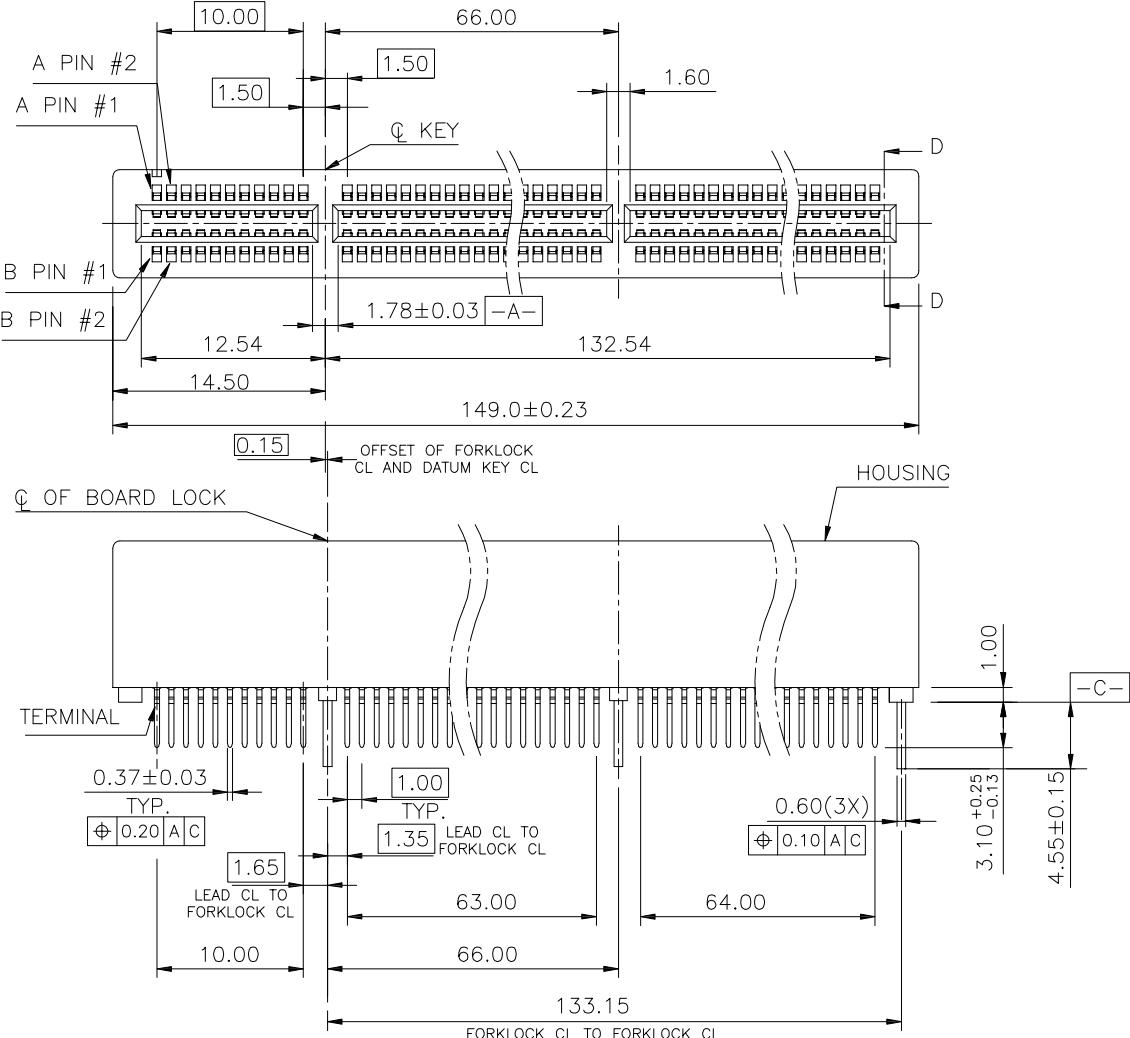
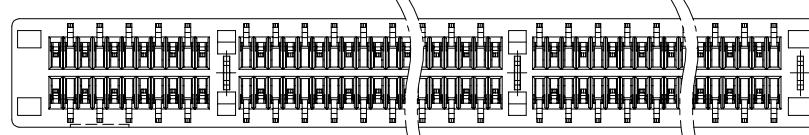
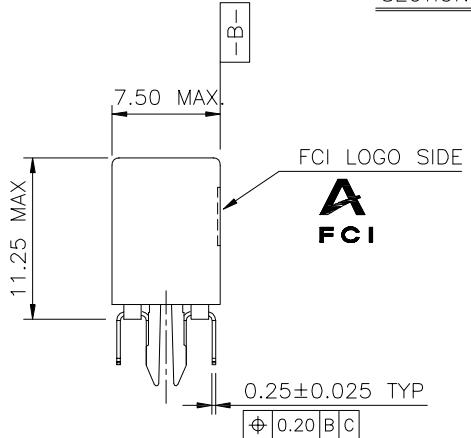


PRODUCT NO.

10027747-X1XXXX



SECTION D-D



mat'l. code

tolerances unless
otherwise specifiedCUSTOMER
COPY

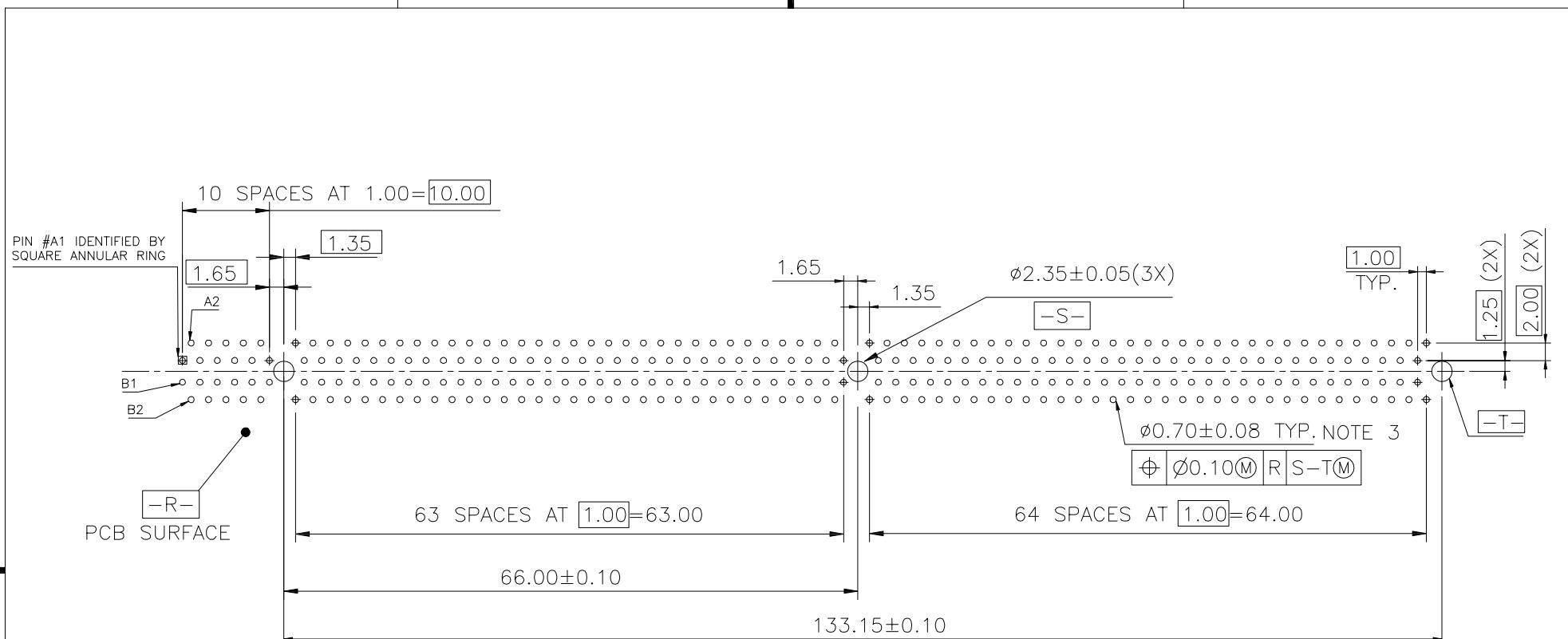
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PCI EXPRESS GEN3
CARD EDGE ASSY 280P

ltr	ecn no	dr	date		.X ± 0.30
A	T04-0386	M W	10/07/04	linear	.XX ± 0.20
B	T04-0427	M W	12/10/04		.XXX ± 0.10
C	T05-0010	M W	01/11/05	angles	0° ±2°
D	ELX-DG-21161-1	S T	05/27/15	dr	STONE LI 05/27/15
-	-	-	-	engr	STONE LI 05/27/15
				chr	/
				appd	PM ZHENG 05/27/15
				scale	2:1
				product family	EDGE CARD
				size	dwg no
				A4	10027747
sheet	revision	D	D		code
index	sheet	1	2		TWN
		3	4		sheet
					1 of 4



MOTHER BOARD FOOTPRINT PATTERN
CONNECTOR SIDE SHOWN

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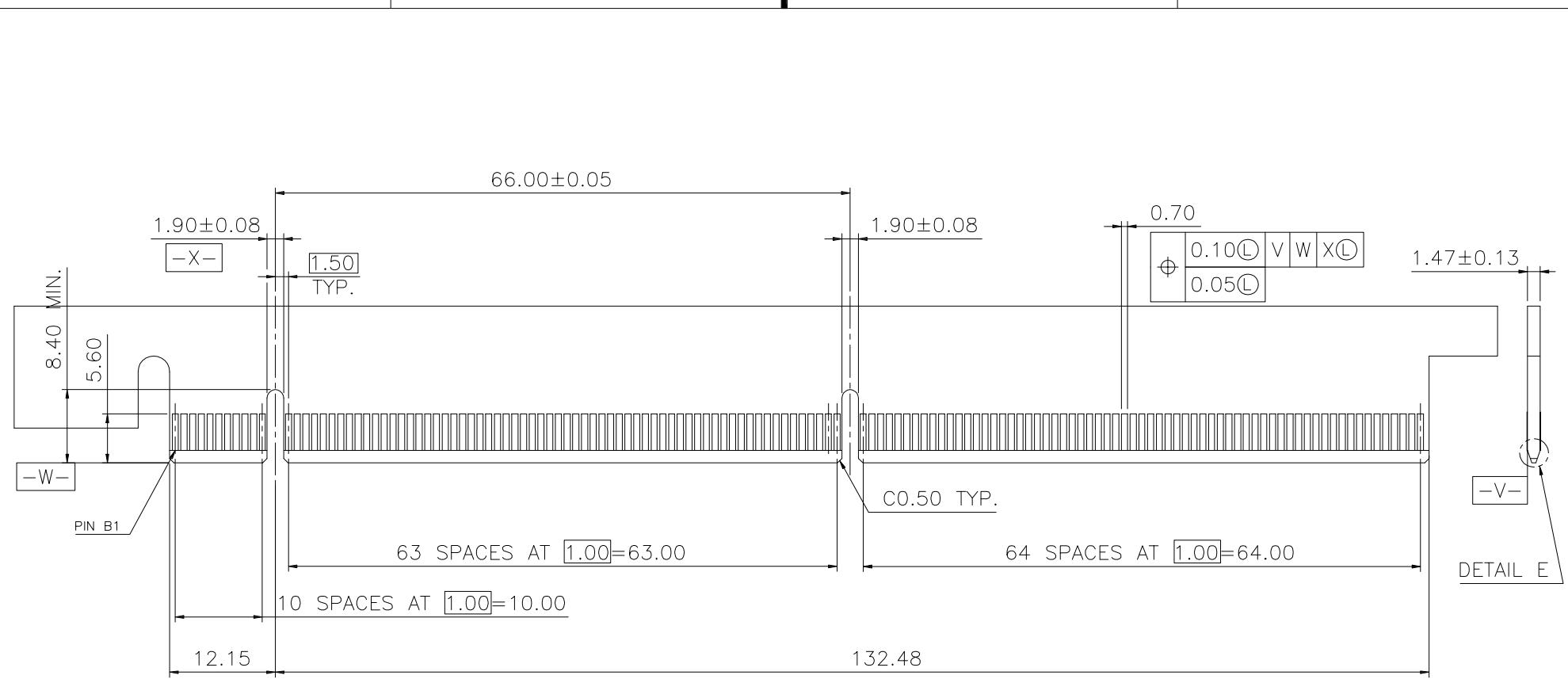


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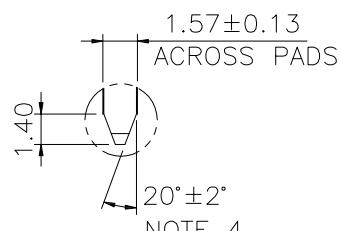
PCI EXPRESS GEN 3 △
CARD EDGE ASS'Y 280P

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	projection	title
ltr	ecn no	dr	date	linear	.X ±	.XX ±			
						.XXX ±			
				angles		0° ±2°			
				dr	STONE LI	05/27/15	product family	EDGE CARD	code
				engr	STONE LI	05/27/15			
				chr	/	/	size	dwg no	TWN
				appd	PM ZHENG	05/27/15			
				sheet	revision		scale	A4	10027747
				index	sheet				

cage code
22526



DAUGHTER CARD
PRIMARY (COMPONENT) SIDE



SCALE 2:1
DETAIL E

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PCI EXPRESS GEN3  CARD EDGE ASS'Y 280P			
mat'l. code	tolerances unless otherwise specified		CUSTOMER COPY
ltr	ecn no	dr	date
			.X ±
			.XX ±
			.XXX ±
			0° ±2°
			dr STONE LI 05 27 15
			engr STONE LI 05/27/15
			chr / /
			oppd PM ZHENG 05/27/15
sheet	revision		scale 1.5:1
index	sheet		A4 10027747
			cage code 22526
			code TWN
			sheet 3 of 4

NOTES:

1. MATERIAL:

HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0
RATED. SUITABLE FOR REFLOW SOLDERING.
TERMINAL: COPPER ALLOY
PLATING: 50 μ " NICKEL UNDERPLATE ALL OVER
CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE
SOLDER TAIL: TIN OR TIN/LEAD (90/10) - SEE PRODUCT
NUMBER CODE 100 μ " MIN. OVER 50 μ " NICKEL
METAL BOARD LOCKS: COPPER ALLOY
FINISH: 100 μ " TIN OR TIN/LEAD (90/10) OVER 50 μ " NICKEL
UNDERPLATE SEE PRODUCT NUMBER CODE

2. PRODUCT SPECIFICATION: GS-12-233

③ THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY
A LINE THROUGH THE CENTER OF THE TWO Ø2.35 HOLES.
THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER
OF DATUM Z.

④ CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

5. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

- a - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2 μ m MINIMUM MATTE TIN OVER 1.27 μ m
MINIMUM NICKEL UNDERPLATE.
- b - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

PRODUCT NUMBER CODE

10027747 -x x x x x x

HOUSING COLOR OPTIONS

1-BLACK

PEGS OPTIONS

1-METAL BOARD LOCKS

TERMINAL PLATING OPTIONS

0-50 μ " Ni UNDERPLATE
30 μ " Au CONTACT AREA
100 μ " TIN TAIL AREA ----- COMPATIBLE RoHS
1-50 μ " Ni UNDERPLATE
15 μ " Au CONTACT AREA
100 μ " TIN TAIL AREA ----- COMPATIBLE RoHS
2-50 μ " Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100 μ " TIN TAIL AREA ----- COMPATIBLE RoHS

3-50 μ " Ni UNDERPLATE
30 μ " Au CONTACT AREA
100 μ " TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS
4-50 μ " Ni UNDERPLATE
15 μ " Au CONTACT AREA
100 μ " TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS

5-50 μ " Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100 μ " TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS

LEAD FREE OPTION

LEAVE BLANK FOR TERMINAL PLATING 3.4.5
"LF" FOR TERMINAL PLATING OPTION 0.1.2

PACKAGING OPTIONS

T-TRAY PACKAGING

RESERVED

0

TAIL LENGTH OPTIONS

	TAIL LENGTH	PCB THICKNESS
1	3.10 $^{+0.25}_{-0.13}$	2.36±0.10

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PCI EXPRESS GEN 3 D
CARD EDGE ASS'Y 280P

product family EDGE CARD code
size dwg no TWN

sheet 4 of 4

A4 10027747

cage code 22526

4

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	projection	title
ltr	ecn no	dr	date	linear	.X ±	.XX ±	.XXX ±		
				angles	0° ±2°				
		dr	STONE LI 05/27/15		MM				
		engr	STONE LI 05/27/15						
		chr	/						
		appd	PM ZHENG 05/27/15		scale				
					1:1				
sheet index	revision sheet								

Mouser Electronics

Authorized Distributor

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