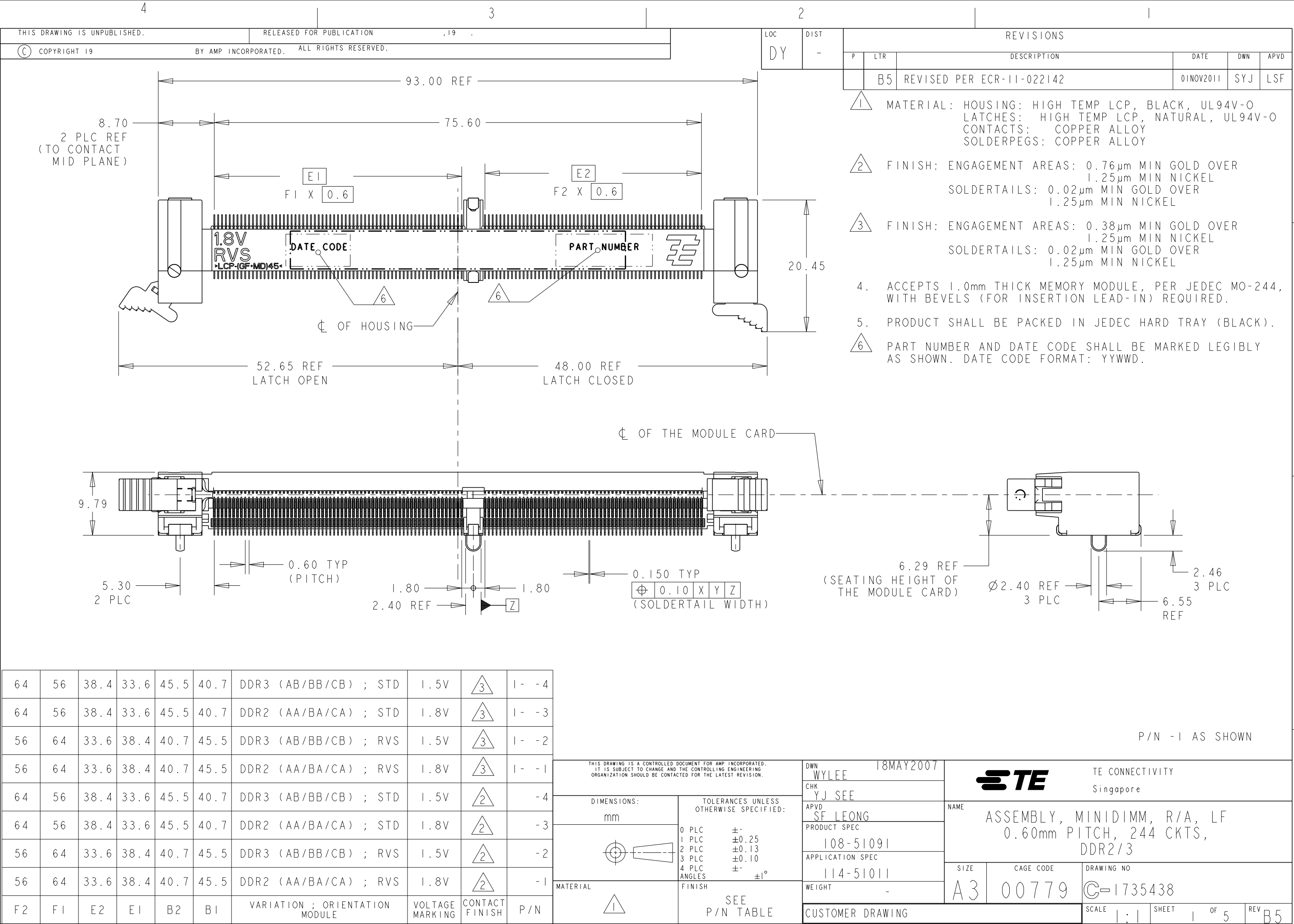




8.70

2 PLC REF
(TO CONTACT
MID PLANE)

93.00 REF

75.60

E1

F1 X 0.6

E2

F2 X 0.6

1.8V
RVS
LCP-GF-MD45

DATE CODE

PART NUMBER

20.45

52.65 REF
LATCH OPEN

48.00 REF
LATCH CLOSED

9.79

5.30
2 PLC

0.60 TYP
(PITCH)

1.80

2.40 REF

0.150 TYP
0.10 X Y Z
(SOLDERTAIL WIDTH)

6.29 REF
(SEATING HEIGHT OF
THE MODULE CARD)

Ø2.40 REF
3 PLC

2.46
3 PLC

6.55
REF

CL OF HOUSING

CL OF THE MODULE CARD

1

2

3

4

5

6

MATERIAL: HOUSING: HIGH TEMP LCP, BLACK, UL94V-0
LATCHES: HIGH TEMP LCP, NATURAL, UL94V-0
CONTACTS: COPPER ALLOY
SOLDERPEGS: COPPER ALLOY

FINISH: ENGAGEMENT AREAS: 0.76µm MIN GOLD OVER
1.25µm MIN NICKEL
SOLDERTAILS: 0.02µm MIN GOLD OVER
1.25µm MIN NICKEL

FINISH: ENGAGEMENT AREAS: 0.38µm MIN GOLD OVER
1.25µm MIN NICKEL
SOLDERTAILS: 0.02µm MIN GOLD OVER
1.25µm MIN NICKEL

ACCEPTS 1.0mm THICK MEMORY MODULE, PER JEDEC MO-244,
WITH BEVELS (FOR INSERTION LEAD-IN) REQUIRED.

PRODUCT SHALL BE PACKED IN JEDEC HARD TRAY (BLACK).

PART NUMBER AND DATE CODE SHALL BE MARKED LEGIBLY
AS SHOWN. DATE CODE FORMAT: YYWWD.

64	56	38.4	33.6	45.5	40.7	DDR3 (AB/BB/CB) ; STD	1.5V	3	1- -4
64	56	38.4	33.6	45.5	40.7	DDR2 (AA/BA/CA) ; STD	1.8V	3	1- -3
56	64	33.6	38.4	40.7	45.5	DDR3 (AB/BB/CB) ; RVS	1.5V	3	1- -2
56	64	33.6	38.4	40.7	45.5	DDR2 (AA/BA/CA) ; RVS	1.8V	3	1- -1
64	56	38.4	33.6	45.5	40.7	DDR3 (AB/BB/CB) ; STD	1.5V	2	-4
64	56	38.4	33.6	45.5	40.7	DDR2 (AA/BA/CA) ; STD	1.8V	2	-3
56	64	33.6	38.4	40.7	45.5	DDR3 (AB/BB/CB) ; RVS	1.5V	2	-2
56	64	33.6	38.4	40.7	45.5	DDR2 (AA/BA/CA) ; RVS	1.8V	2	-1
F2	F1	E2	E1	B2	B1	variation ; ORIENTATION MODULE	VOLTAGE MARKING	CONTACT FINISH	P/N

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ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:
mm

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.25
2 PLC ±0.13
3 PLC ±0.10
4 PLC ±
ANGLES ±1°

FINISH
SEE
P/N TABLE

DWN
WYLEE 18MAY2007

CHK
YJ SEE

APVD
SE LEONG

PRODUCT SPEC
108-51091

APPLICATION SPEC
114-51011

WEIGHT
-

CUSTOMER DRAWING

TE CONNECTIVITY
Singapore

NAME
ASSEMBLY, MINIDIMM, R/A, LF
0.60mm PITCH, 244 CKTS,
DDR2/3

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1735438

SCALE
1:1

SHEET
1

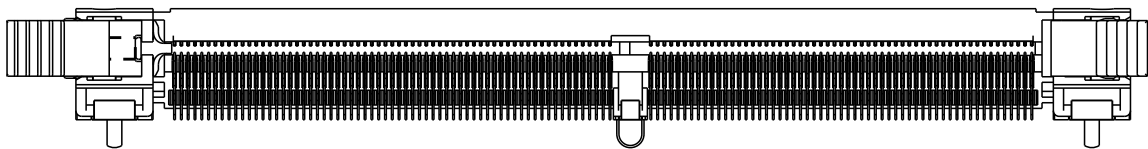
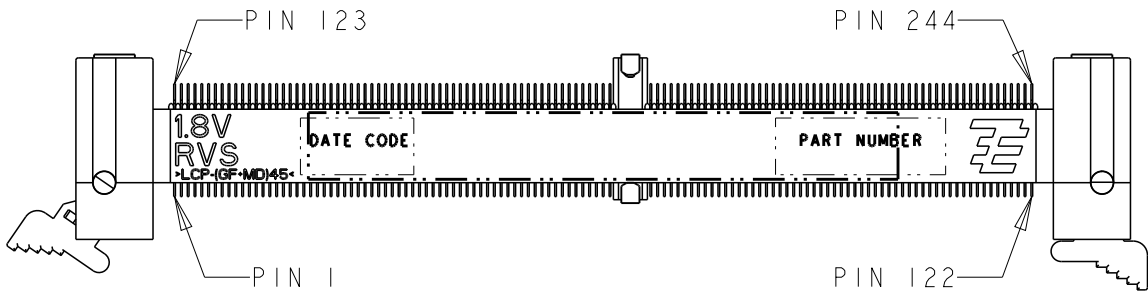
OF
5

REV
B5

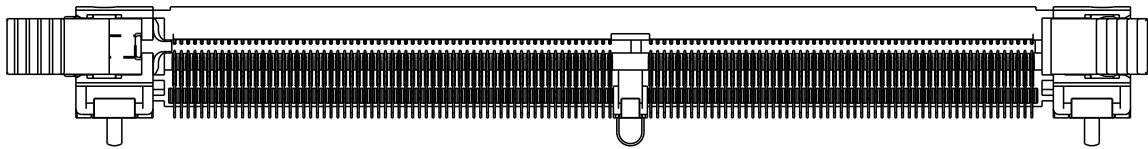
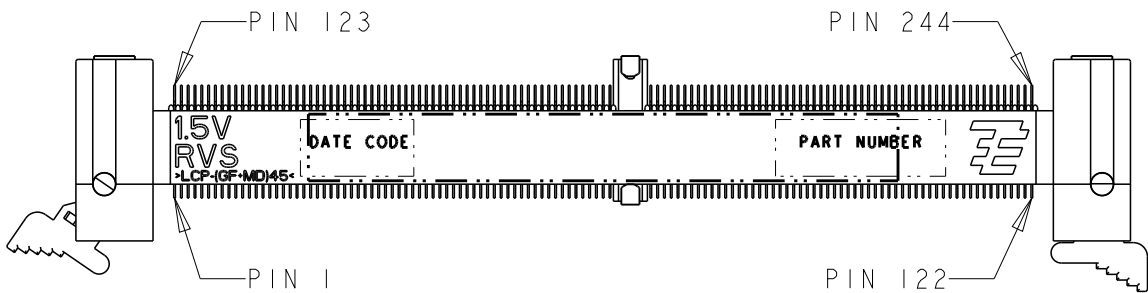
P/N -1 AS SHOWN

AMP 1470-19 REV 09MAY94

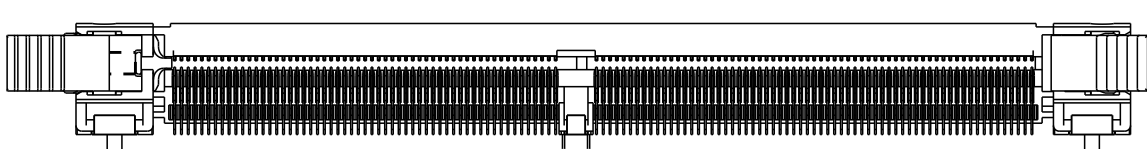
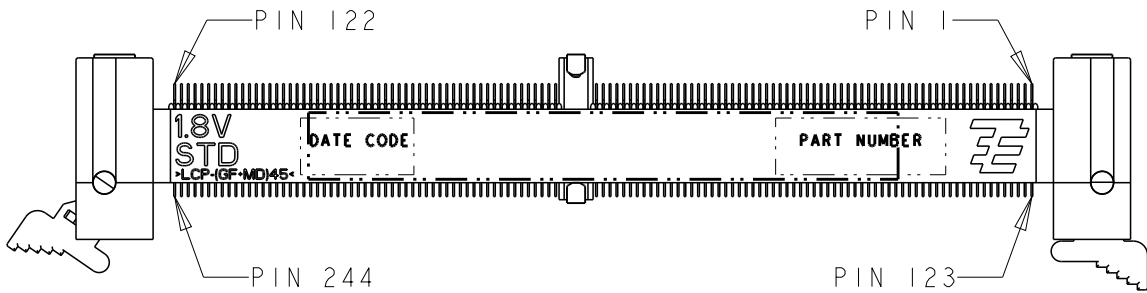
LOC		DIST		REVISIONS					
DY		-		P	LTR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET 1	-	-	-



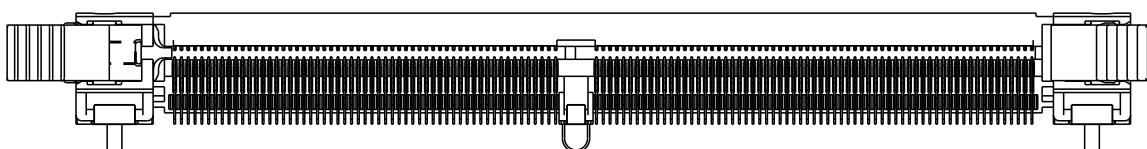
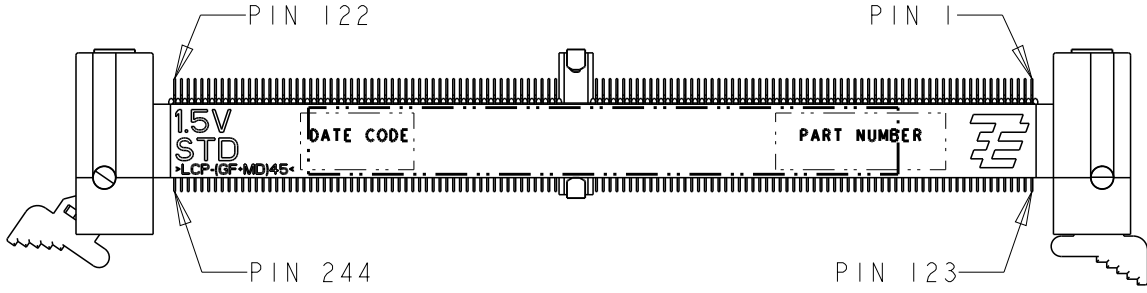
P/N X- -1
(1.8V RVS)
SCALE 3:2



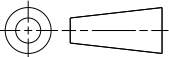
P/N X- -2
(1.5V RVS)
SCALE 3:2



P/N X- -3
(1.8V STD)
SCALE 3:2



P/N X- -4
(1.5V STD)
SCALE 3:2

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		CHK YJ SEE			
DIMENSIONS: mm		APVD SF LEONG		NAME ASSEMBLY, MINIDIMM, R/A, LF 0.60mm PITCH, 244 CKTS, DDR2/3	
		PRODUCT SPEC 108-51091			
		APPLICATION SPEC 114-51011		SIZE A3	CAGE CODE 00779
MATERIAL 		FINISH SEE P/N TABLE	WEIGHT -	DRAWING NO C-1735438	
		CUSTOMER DRAWING		SCALE 3:2	SHEET 2 OF 5
				REV B5	

4

3

2

1

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RELEASED FOR PUBLICATION

.19

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LOC

DIST

REVISIONS

DY

-

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

PIN 122 FOR P/N -3/-4 (STD)
PIN 123 FOR P/N -1/-2 (RVS)PIN 1 FOR P/N -3/-4 (STD)
PIN 244 FOR P/N -1/-2 (RVS)

1.57±0.10

Ø2.50±0.05

7.20 REF

1.50 REF

14.30
REF7.20
REFPIN 1 FOR P/N -1/-2 (RVS)
PIN 244 FOR P/N -3/-4 (STD)4.00 REF
2 PLC

SEE DETAIL A

Ø2.50±0.05
Ø0.10 G E-FPIN 122 FOR P/N -1/-2 (RVS)
PIN 123 FOR P/N -3/-4 (STD)

2.60±0.05

Ø0.10 G E-F
2 PLC

0.60 TYP

0.35±0.03

Ø0.10 G E-F

2.00±0.03

Ø0.10 G E-F

5.00

Ø0.10 G E-F

4.59

4.59

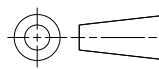
3.35

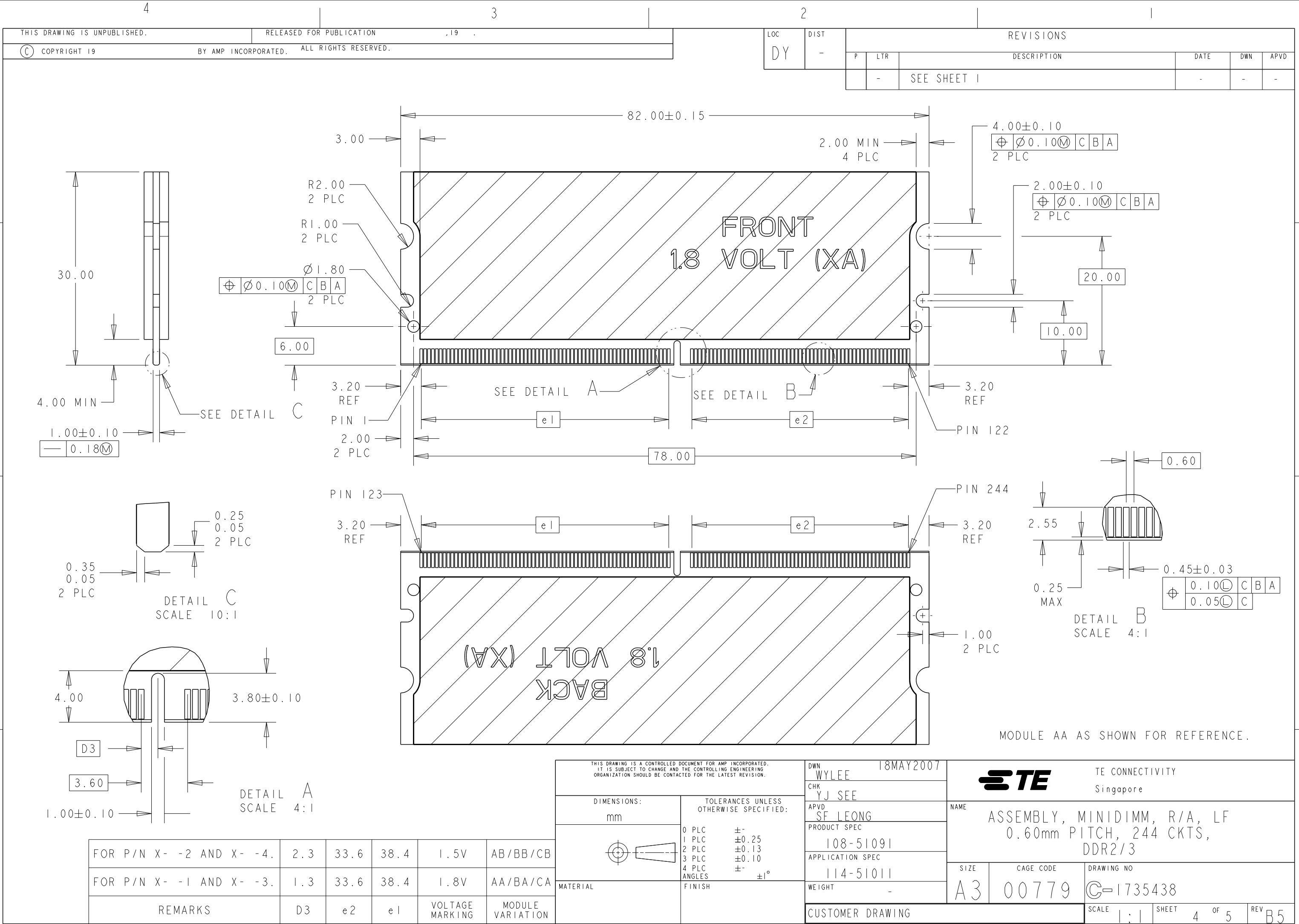
5.35

DETAIL A
SCALE 4:1

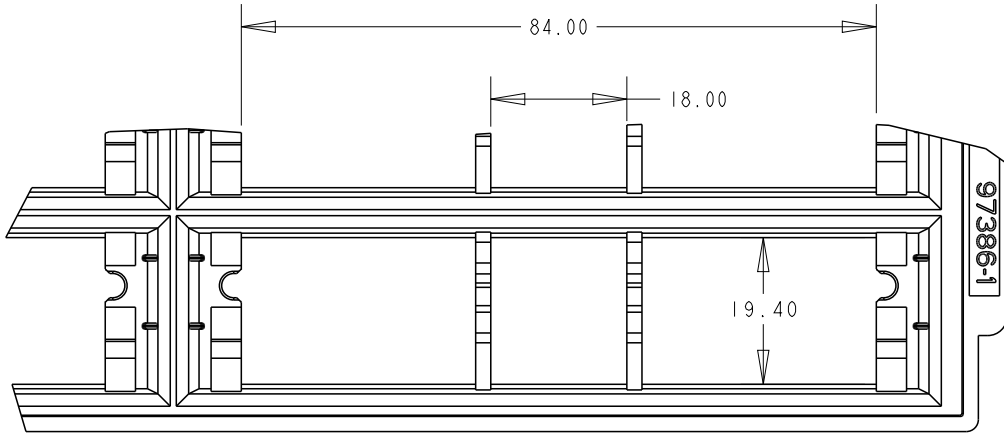
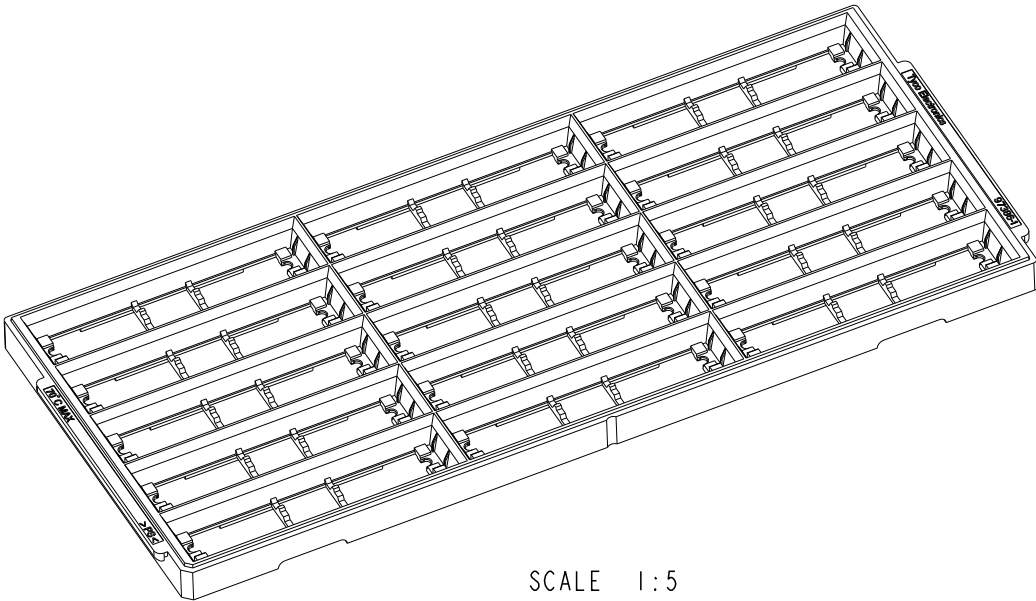
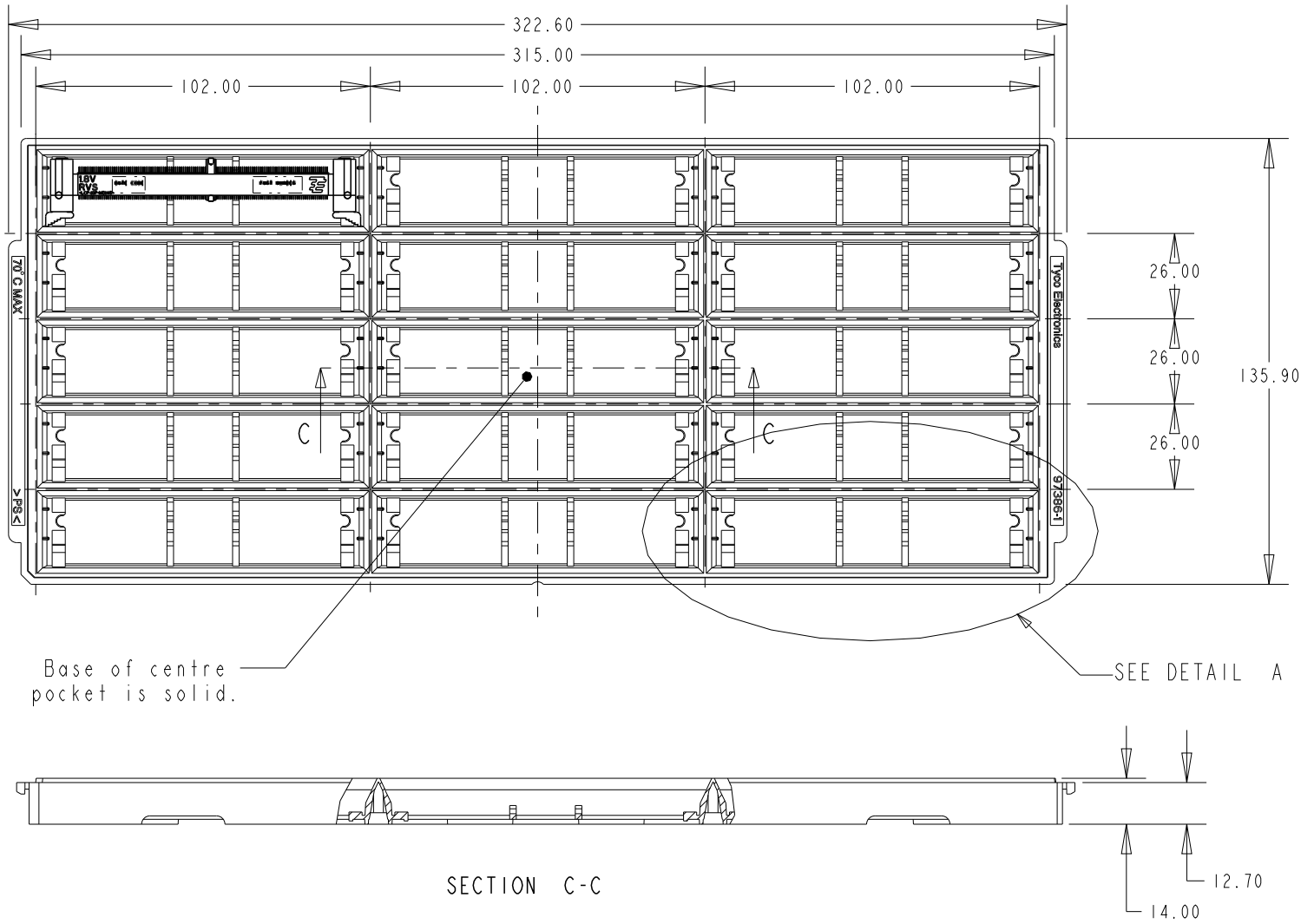
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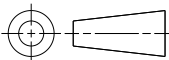
21 PCB THICKNESS IS NOT PART OF THE RECOMMENDED DIMENSIONS FOR THIS PRODUCT.
THE DESIGN OF THIS CONNECTOR IS NOT DEPENDENT ON THE PCB THICKNESS.RECOMMENDED PCB LAYOUT
(AS SHOWN FOR X- -1/-2 RVS)

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DIMENSIONS: mm		CHK YJ SEE			
		APVD SF LEONG		NAME ASSEMBLY, MINIDIMM, R/A, LF 0.60mm PITCH, 244 CKTS, DDR2/3	
		PRODUCT SPEC 108-51091			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-51011		SIZE A3	CAGE CODE 00779
MATERIAL		FINISH	WEIGHT -	DRAWING NO C-1735438	
			CUSTOMER DRAWING	SCALE 2:1	SHEET 3 OF 5
				REV B5	



LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
DY	-		-	SEE SHEET 1	-	-	-



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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK YJ SEE	NAME						
		APVD SF LEONG		ASSEMBLY, MINIDIMM, R/A, LF 0.60mm PITCH, 244 CKTS, DDR2/3							
		PRODUCT SPEC 108-51091									
		APPLICATION SPEC 114-51011									
		WEIGHT -									
MATERIAL		FINISH		SIZE A3		CAGE CODE 00779		DRAWING NO C-1735438			
				CUSTOMER DRAWING		SCALE 1:1		SHEET 5 OF 5		REV B5	

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