

MATERIALS AND FINISHES:

BODY, JAM NUT: BRASS
FINISH: SEE TABLE

CENTER CONTACT: BERYLLIUM COPPER
PLATED GOLD

INSULATOR: TEFLON

LOCKWASHER: PHOSPHOR BRONZE
FINISH: SEE TABLE

RECOMMENDED PANEL CUTOUT

SMA JACK
INTERFACE

1/4-36 UNS-2A

DIM A
DIM A

RECOMMENDED PCB LAYOUT

SEE SD-73251-496 FOR PART NO. CONTINUATION

73251-2209	GOLD FLASH / STANDARD TRAY	3.94	.155
73251-2208	GOLD FLASH/STANDARD TRAY W/O WASHER AND NUT	3.94	.155
73251-2207	73251-2201 PACKAGED ONE PER BAG	2.79	.110
73251-2206	SAME AS 73251-2201 EXCEPT COMMERCIAL CONTACT	2.79	.110
73251-2205	SAME AS 73251-2200 EXCEPT COMMERCIAL CONTACT	2.79	.110
73251-2204	GOLD FLASH/STANDARD TRAY W/O WASHER AND NUT	2.79	.110
73251-2203	GOLD FLASH / STANDARD TRAY (54 CAVITY)	2.79	.110
73251-2202	73251-2201 PACKAGED IN SMALL TRAY (20 CAVITY)	2.79	.110
73251-2201	GOLD / STANDARD TRAY	2.79	.110
73251-2200	NICKEL / STANDARD TRAY	2.79	.110
PART NO.	PLATING (BODY, NUT, LOCKWASHER) AND PACKAGING	mm	IN

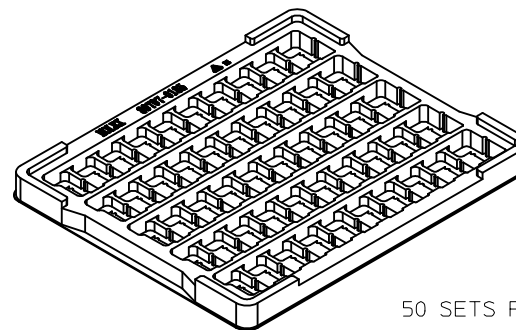
DIM A

PS-89675-3460	ELECTRO/MECH PERFORM.
SPECIFICATION	DESCRIPTION

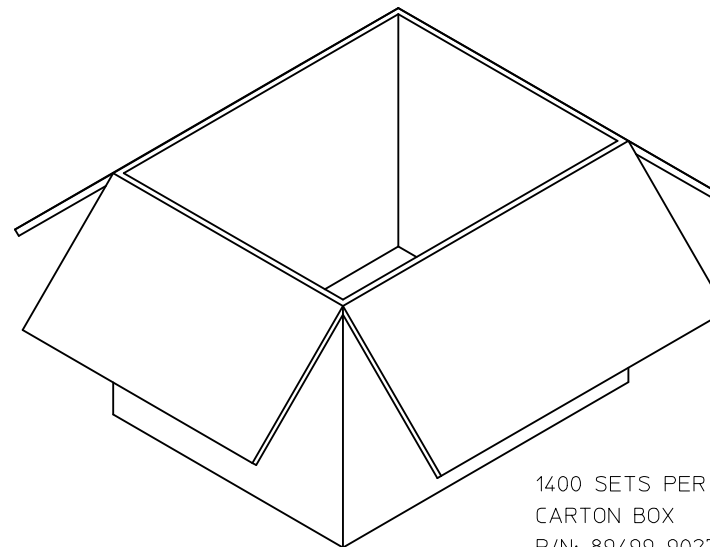
CHG: ADDED NOTE FOR PART NO. CONTINUATION. EC NO: URF2013-0294 DRWN:ROBERTSON 2012/11/24 CHKD:SSS 2012/11/24 APPR:JWIENER 2012/11/27 REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY CLAIRE LEE	DATE 2003/08/29	TITLE SMA JACK, R/A PCB 50 OHM SMA-J/RA/PCB EWR-2144		molex MOLEX INCORPORATED
			4 PLACES	± ---	± ---	CHECKED BY	DATE			
			3 PLACES	± ---	± ---	PAT	2003/08/29			
			2 PLACES	± ---	± ---	APPROVED BY	DATE			
			1 PLACE	± ---	± ---					
			ANGULAR ± 2 °							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-73251-220		SHEET NO. 1 OF 1	
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



P/N: 73251-2200 / 73251-2201
73251-2205 / 73251-2206
73251-2208 / 73251-2209



50 SETS PER TRAY
TRAY P/N: 89707-0185



1400 SETS PER OUTER
CARTON BOX
P/N: 89499-9027

FOR 73251-2200, 73251-2201,
73251-2205, 73251-2206,
73251-2208, AND 73251-2209

CHG: NEW RELEASE
PER RF13-E131
EC NO: URF2013-0734
2013/06/28
DRWN: RYEH
CHKD: A
APPR: MHUANG
2013/07/26

REV	DESCRIPTION
7	QUALITY SYMBOLS
	= 0
	= 0
	= 0
	= 0
	= 0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---
ANGULAR ± 2 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
RYEH	2013/06/28
CHECKED BY	DATE
KERRIE	2013/06/28
APPROVED BY	DATE
MHUANG	2013/07/26
MATERIAL NO.	
SEE TABLE	
SIZE	C

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
2.5:1	METRIC		
TITLE			
SMA JACK R/A PCB TH			
50 OHMS			
SMA-J/PCB			
molex			
DOCUMENT NO.		SHEET NO.	
SD-73251-220-PKG		1 OF 4	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

13

12

11

10

9

8

7

6

5

4

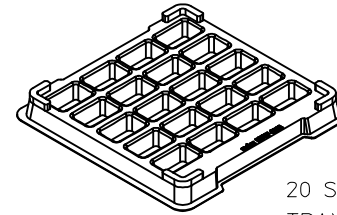
3

2

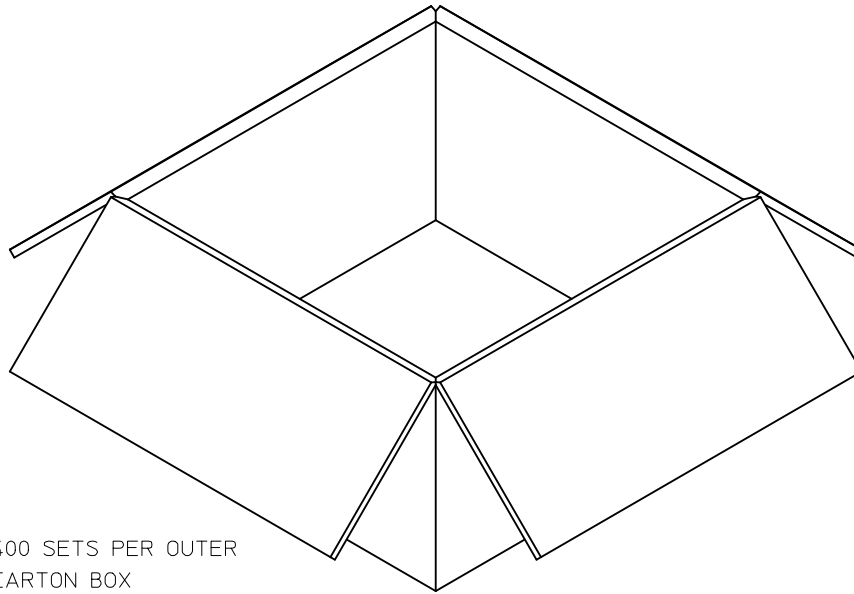
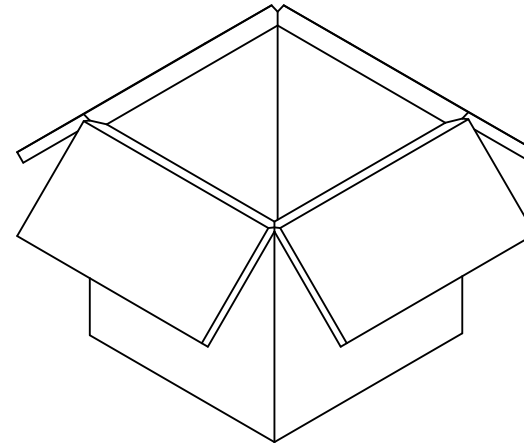
1



P/N: 73251-2202

20 SETS PER TRAY
TRAY P/N: 89707-0308

(FOR 73251-2202 ONLY)

400 SETS PER OUTER
CARTON BOX
P/N: 96707-0002200 SETS PER INNER
CARTON BOX
P/N: 96707-0005CHG:SEE SHEET 1
EC NO: URF2013-0734
2013/06/28
DRW:RYEH
CHKD:
APPR:MHUANG
2013/07/26
REV
AQUALITY
SYMBOLS
▽=0
▽=0
▽=0GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
0 PLACE ± --- ± ---
ANGULAR ± 2 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM/IN
DRAWN BY DATE
RYEH 2013/06/28
CHECKED BY DATE
KERRIE 2013/06/28
APPROVED BY DATE
MHUANG 2013/07/26
MATERIAL NO.
SEE TABLE
SIZE CSCALE
2:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
TITLE
SMA JACK R/A PCB TH
50 OHMS
SMA-J/PCB
molex
DOCUMENT NO.
SD-73251-220-PKG
SHEET NO.
2 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

12

11

10

9

8

7

6

5

4

3

2

1

13

12

11

10

9

8

7

6

5

4

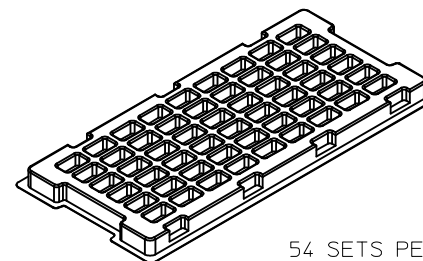
3

2

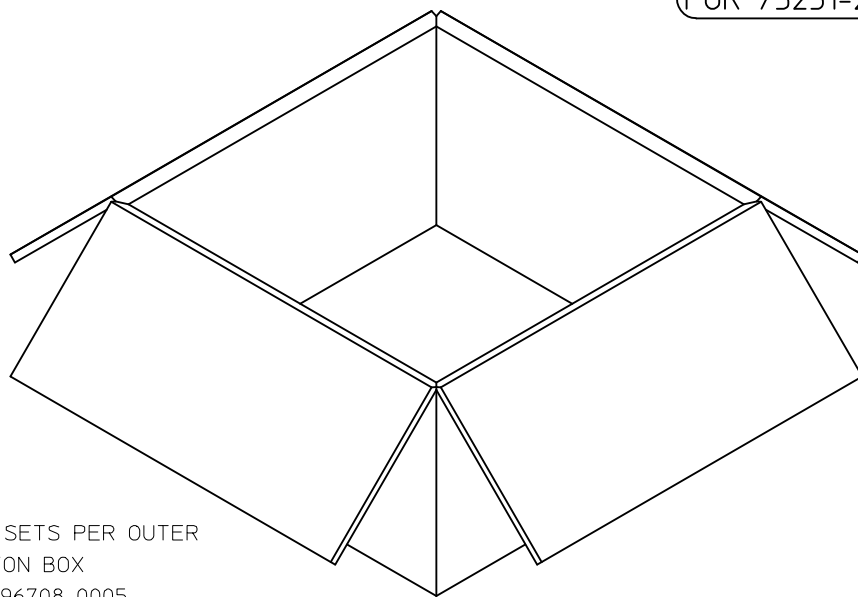
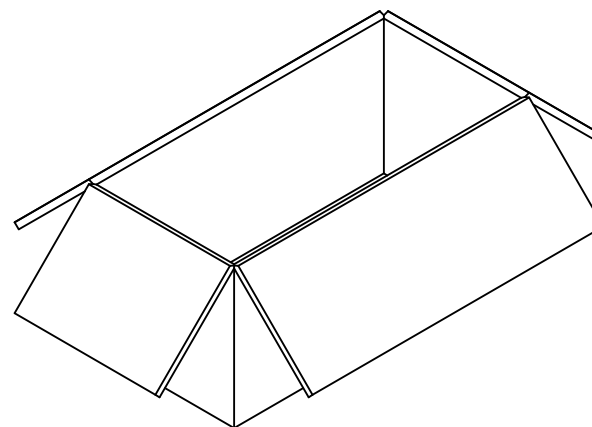
1



P/N: 73251-2203 / 73251-2204

54 SETS PER TRAY
TRAY P/N: 89707-0220

(FOR 73251-2203 AND 73251-2204)

1080 SETS PER OUTER
CARTON BOX
P/N: 96708-0005540 SETS PER INNER
CARTON BOX
P/N: 96707-0001CHG:SEE SHEET 1
EC NO: URF2013-0734
2013/06/28
DRAWN:RYEH
CHKD:
APPR:MHUANG
2013/07/26
REV
A

DESCRIPTION

QUALITY
SYMBOLS
▽=0
▽=0
▽=0GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
0 PLACE ± --- ± ---
ANGULAR ± 2 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM/IN
DRAWN BY DATE
RYEH 2013/06/28
CHECKED BY DATE
KERRIE 2013/06/28
APPROVED BY DATE
MHUANG 2013/07/26
MATERIAL NO.
SEE TABLE
SIZE CSCALE
2:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
TITLE
SMA JACK R/A PCB TH
50 OHMS
SMA-J/PCB
molex
DOCUMENT NO.
SD-73251-220-PKG
SHEET NO.
3 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

12

11

10

9

8

7

6

5

4

3

2

1

13

12

11

10

9

8

7

6

5

4

3

2

1

J

I

H

G

F

E

D

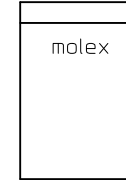
C

B

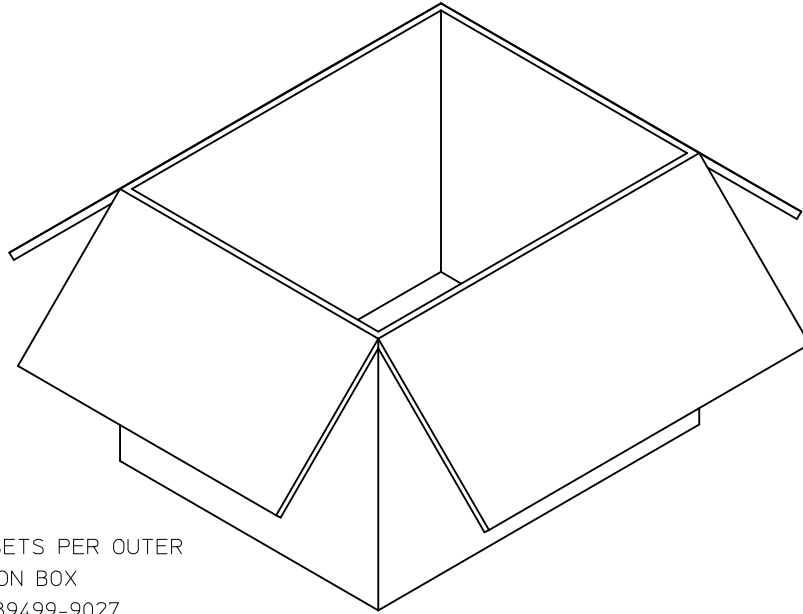
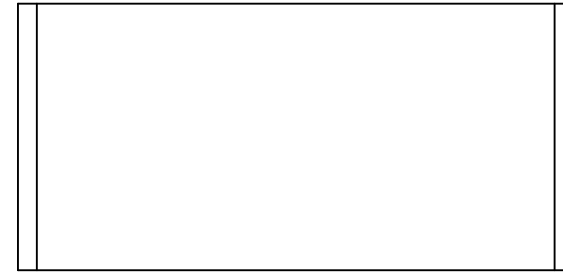
A



P/N: 73251-2207

1 SET PER POLYBAG
P/N: 89707-0317

FOR 73251-2207 ONLY

500 SETS PER OUTER
CARTON BOX
P/N: 89499-902750 SETS PER POLYBAG
P/N: 89707-0174

CHG:SEE SHEET 1

EC NO: URF2013-0734

DRWN:RYEH 2013/06/28

CHKD:

APPR:MHUANG 2013/07/26

REV

DESCRIPTION

QUALITY SYMBOLS

=0

=0

=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ± 2 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
RYEH	2013/06/28
CHECKED BY	DATE
KERRIE	2013/06/28
APPROVED BY	DATE
MHUANG	2013/07/26

MATERIAL NO.
SEE TABLE

SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE		
8	SMA JACK R/A PCB TH	
8	50 OHMS	
6	SMA-J/PCB	
molex		

DOCUMENT NO.	SHEET NO.
SD-73251-220-PKG	4 OF 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

12

11

10

9

8

7

6

5

4

3

2

1

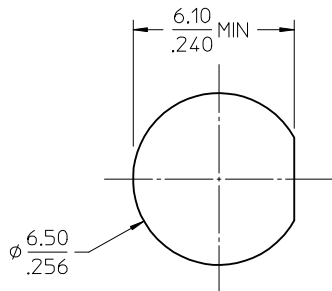
MATERIALS AND FINISHES:

BODY, JAM NUT: BRASS
FINISH: GOLD

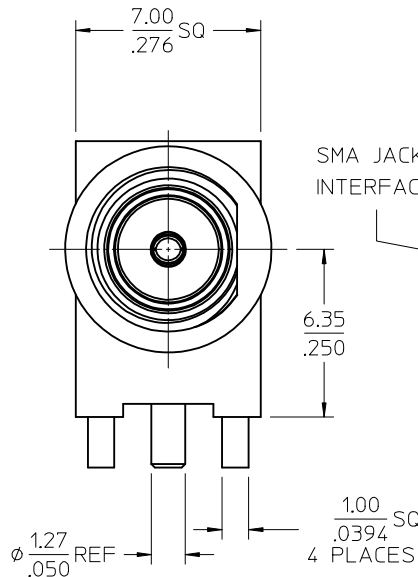
CENTER CONTACT: BERYLLIUM COPPER
PLATED GOLD

INSULATOR: TEFLON

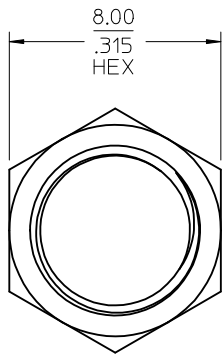
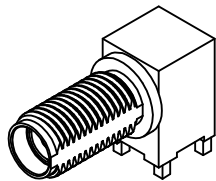
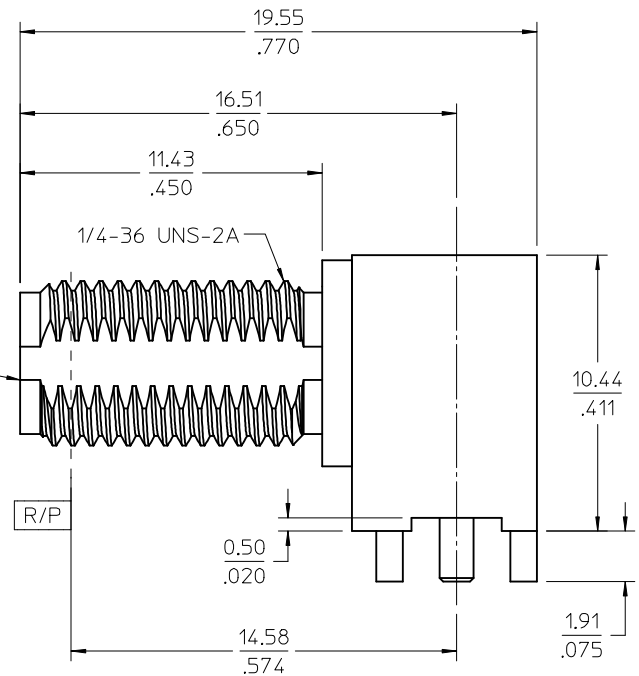
LOCKWASHER: PHOSPHOR BRONZE
FINISH: GOLD



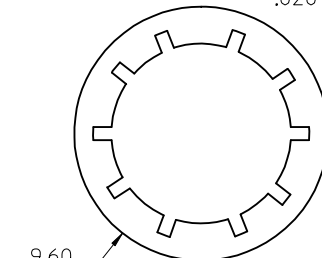
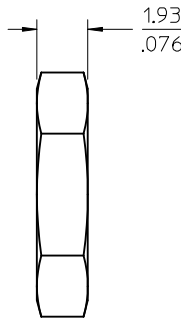
PANEL CUTOUT
3.42 / .135 MAX
THICKNESS



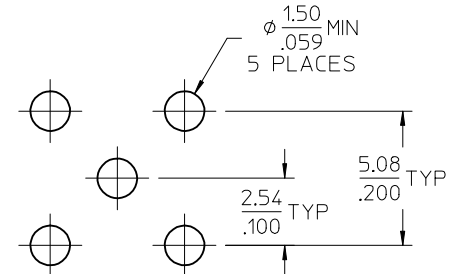
SMA JACK
INTERFACE



JAM NUT



LOCKWASHER



RECOMMENDED PCB LAYOUT

73251-4960

PART NO.

SD-73251-496 IS CONTINUATION FOR SD-73251-220

CHG: LEG/CONTACT
WERE .040

EC NO: URF2013-0344
DRWN: JWIENER 2012/12/14
CHKD: SSS 2012/12/14
APPR: JWIENER 2012/12/14

QUALITY
SYMBOLS
▽=0
▽=0
▽=0
REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
0 PLACE ± --- ± ---
ANGULAR ± 2 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN
DRAWN BY
AROBERTSON
DATE
2012/11/21
CHECKED BY
SSS
DATE
2012/11/21
APPROVED BY
JWIENER
DATE
2012/11/27
MATERIAL NO.
SEE TABLE
SIZE
C

SCALE
DESIGN UNITS
INCH
THIRD ANGLE
PROJECTION
TITLE
SMA JACK RA
BLKHD RM PCB TH
SMA-J/RA/PCB, EWR-2144
molex
DOCUMENT NO.
SD-73251-496
SHEET NO.
1 OF 1