

MATERIALS AND FINISHES:

BODY, JAM NUT: BRASS
FINISH: SEE TABLE

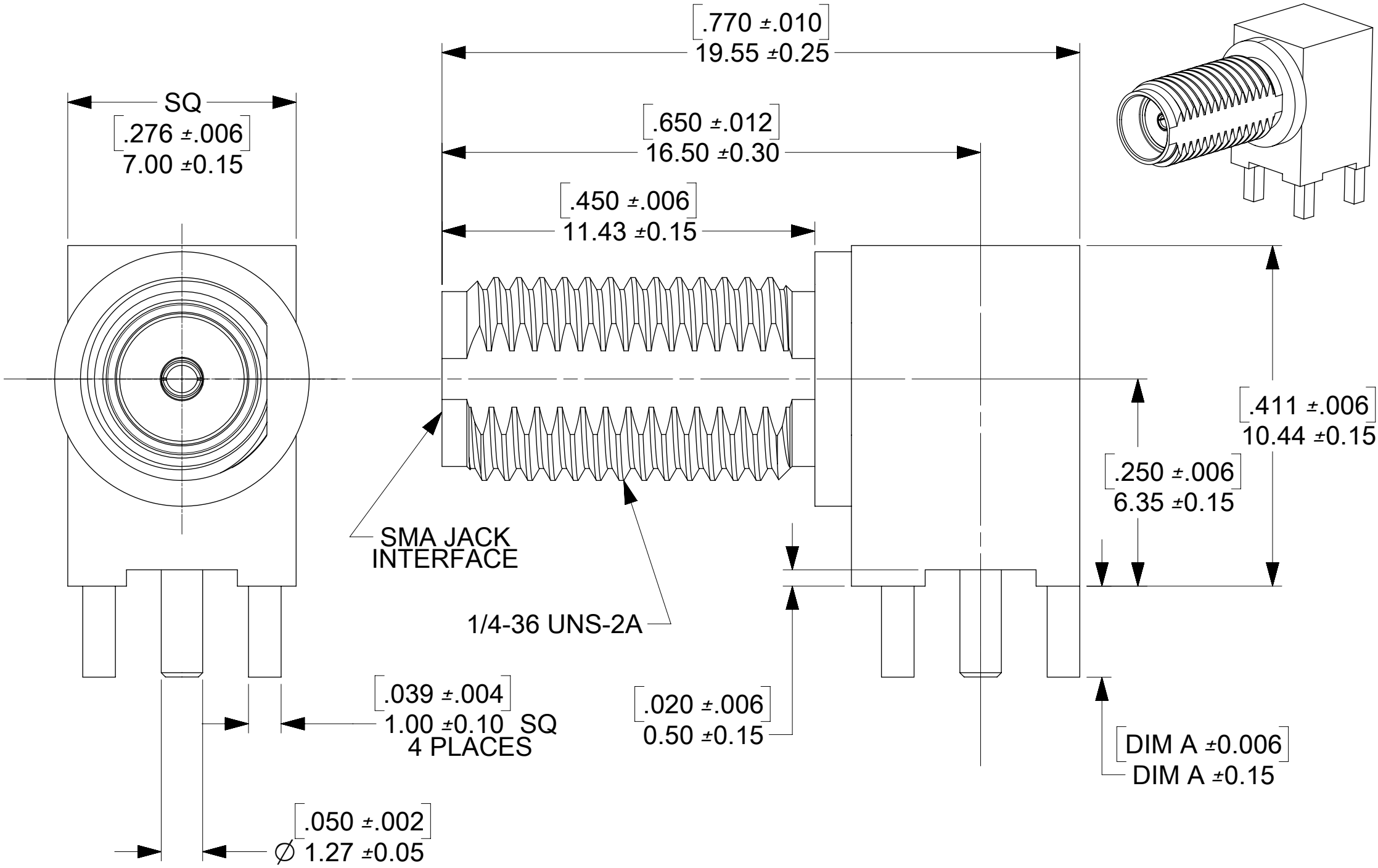
CENTER CONTACT: BERYLLIUM COPPER
PLATED GOLD

INSULATOR: TEFLON

LOCKWASHER: PHOSPHOR BRONZE
FINISH: SEE TABLE

ELECTRICAL REQUIREMENTS:

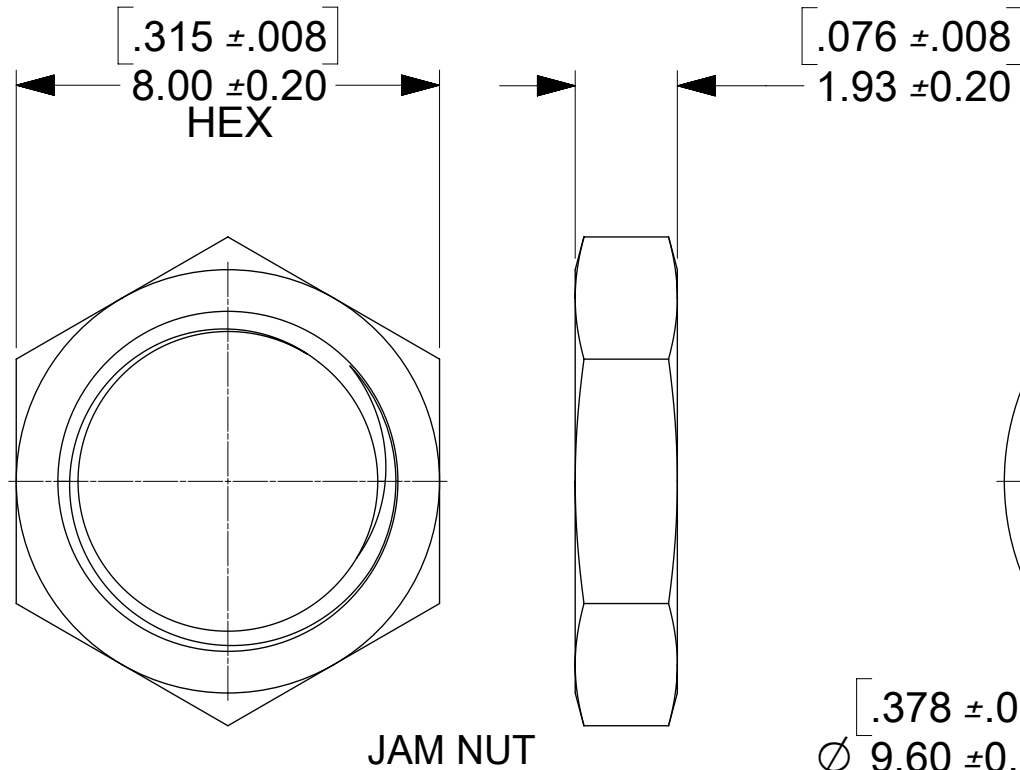
1. VOLTAGE STANDING WAVE RATIO
1.1(MAX) @0-6GHz.
1.5(MAX) @6-12GHz.
1.8(MAX) @12-18GHz.
2. RF INSERTION LOSS:
0.1(MAX) @0-6GHz.
0.4(MAX) @6-12GHz.
0.7(MAX) @12-18GHz.



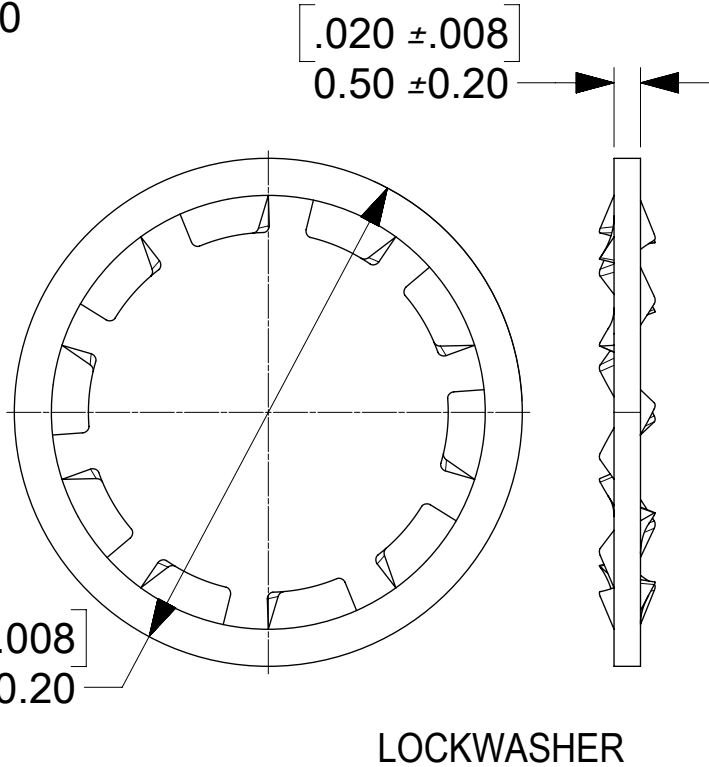
SEE SD-73251-496 FOR PART NO. CONTINUATION

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	

RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL CUTOUT



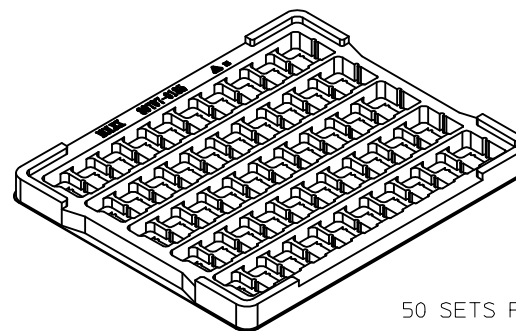
PS-89675-3460	ELECTRO/MECH PERFORM.
SPECIFICATION	DESCRIPTION

D13	ADD TOLERANCE FOR DIMENSIONS PER EWR12457-A
D12	ADD TESTING ITEM OF PRODUCT SPEC ON DRAWING
REVISION	DESCRIPTION

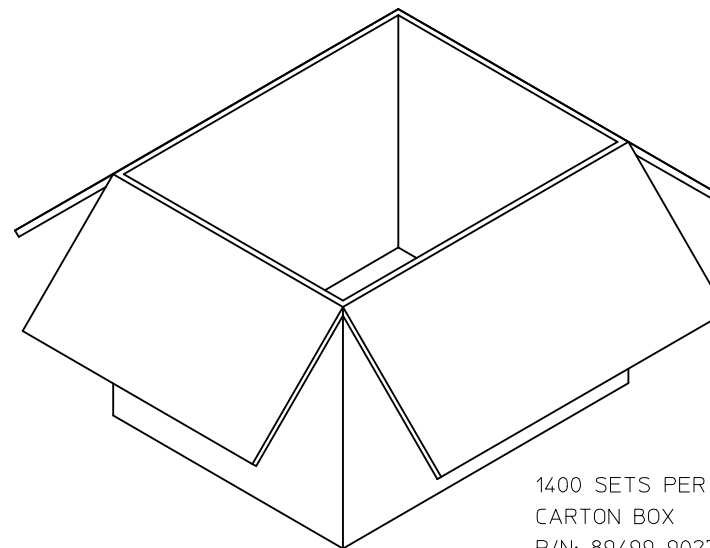
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 604333 DRWN: CWEI02 2018/09/06 CHK'D: YCHENG 2018/09/17 APPR: YCHENG 2018/09/17 INITIAL REVISION: DRWN: AROBERTSON 2012/11/21 APPR: JWIENER 2012/11/21			molex SMA JACK, R/A PCB 50 OHM SMA-J/RA/PCB EWR-2144				
	mm		NTS									
	GENERAL TOLERANCES (UNLESS SPECIFIED)							PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± °											
	4 PLACES ±											
3 PLACES ±				DOCUMENT NUMBER SD-73251-220					DOC TYPE	DOC PART	REVISION	
2 PLACES ±									PSD	000	D13	
1 PLACE ±				MATERIAL NUMBER SEE TABLE					CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	
0 PLACES ±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING C-SIZE		SERIES 73251				



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			

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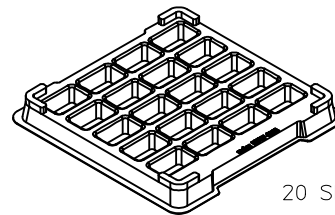
C

B

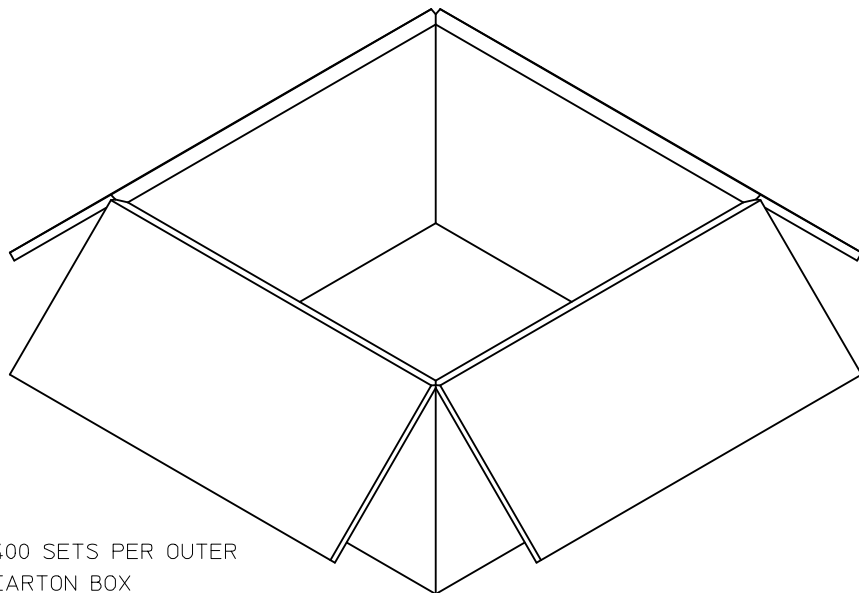
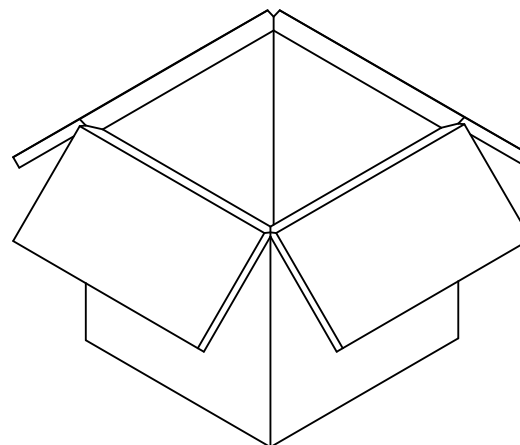
A



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

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.
2 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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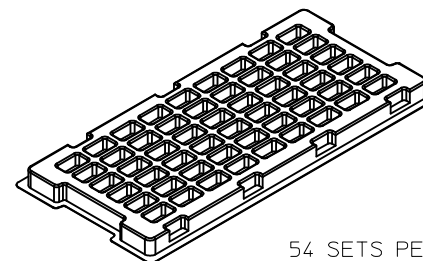
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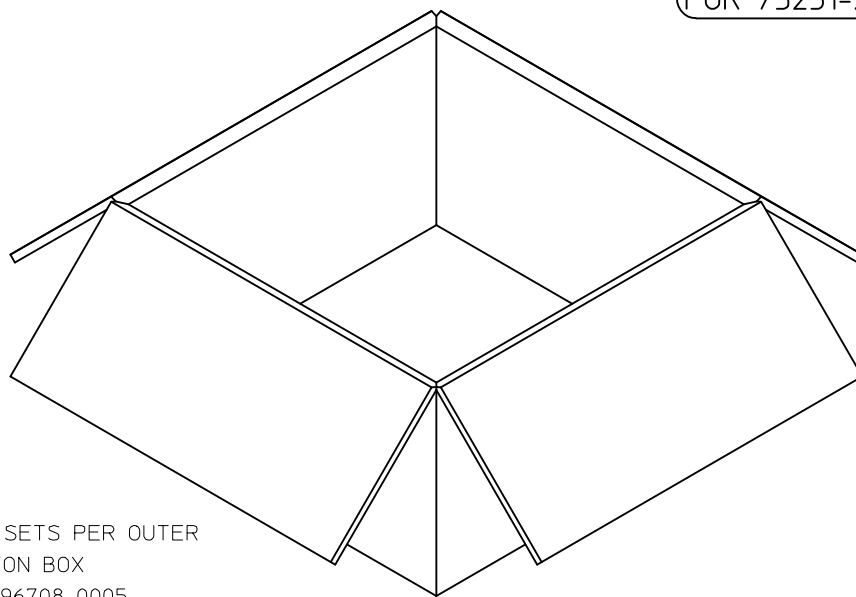
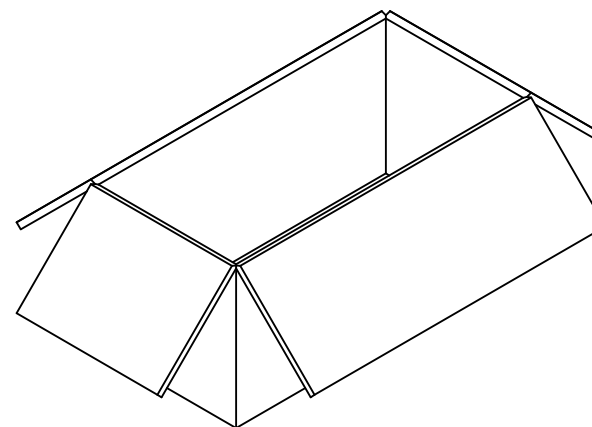
1



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

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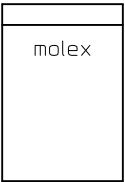
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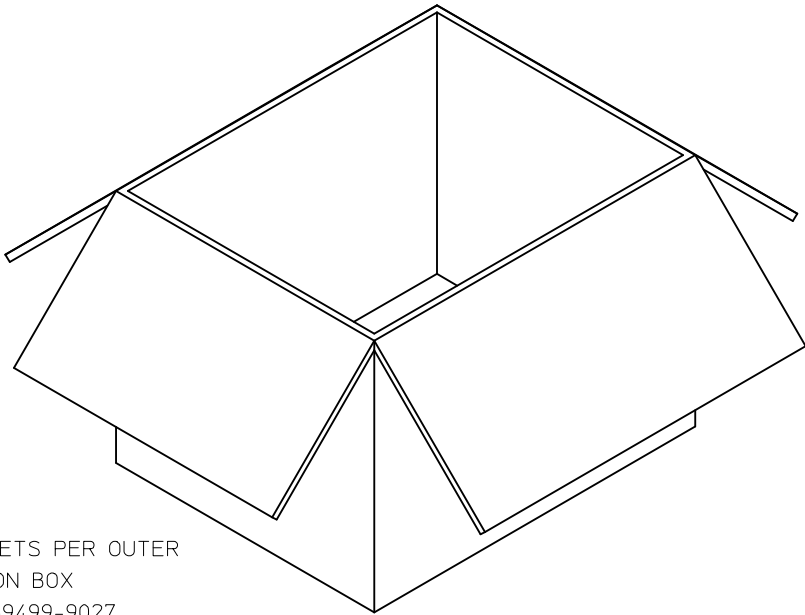


P/N: 73251-2207

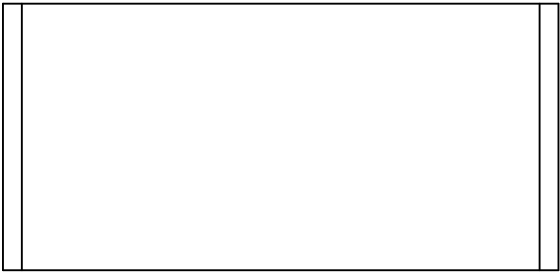


1 SET PER POLYBAG
P/N: 89707-0317

FOR 73251-2207 ONLY

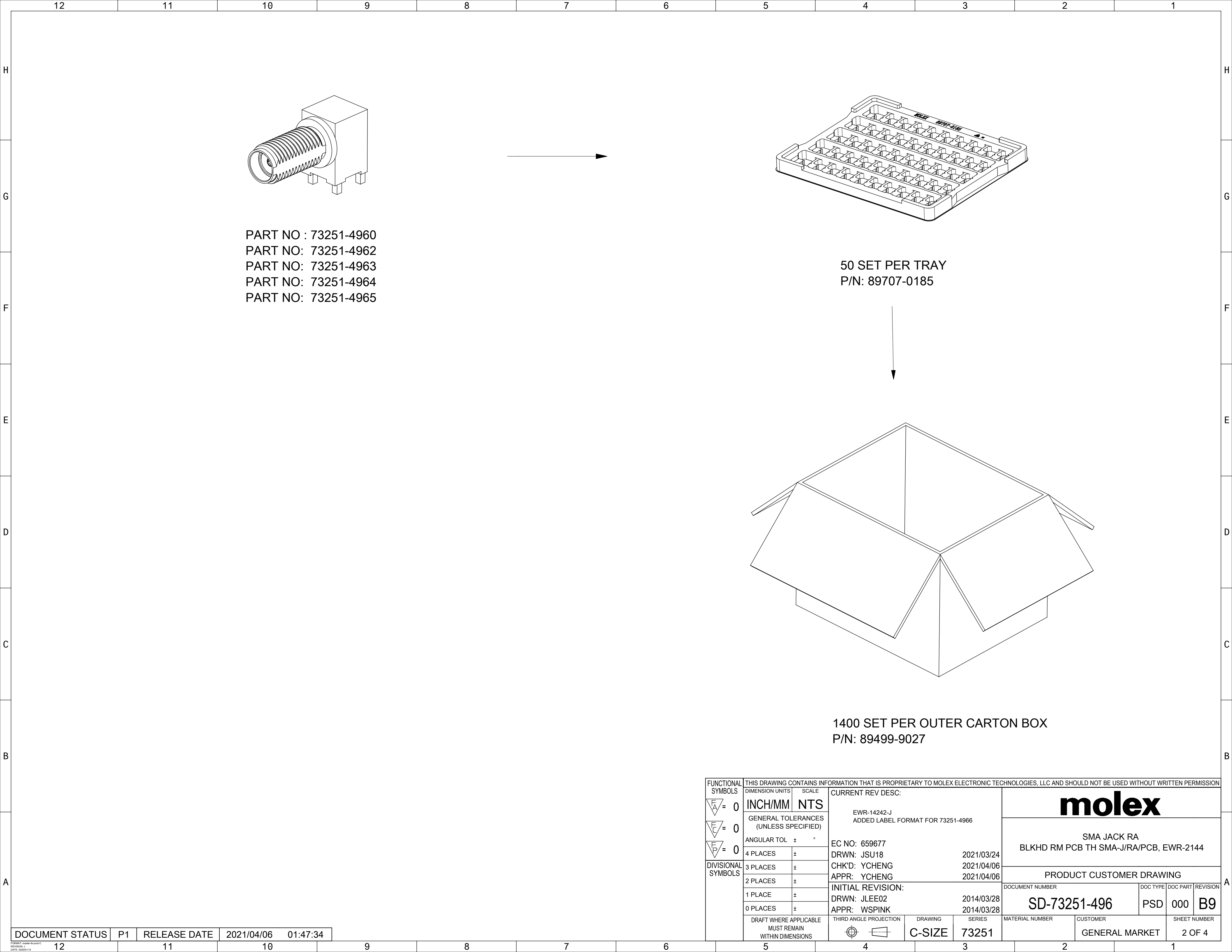


500 SETS PER OUTER
CARTON BOX
P/N: 89499-9027



50 SETS PER POLYBAG
P/N: 89707-0174

CHG:SEE SHEET 1 EC NO: URF2013-0734 2013/06/28 DRWN:RYEH CHKD: APPR:MHUANG 2013/07/26	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY RYEH	DATE 2013/06/28	TITLE SMA JACK R/A PCB TH 50 OHMS SMA-J/PCB			
					CHECKED BY KERRIE	DATE 2013/06/28				
			ANGULAR ± 2 °		APPROVED BY MHUANG	DATE 2013/07/26	DOCUMENT NO. SD-73251-220-PKG molex			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					
			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			A						SHEET NO. 4 OF 4	



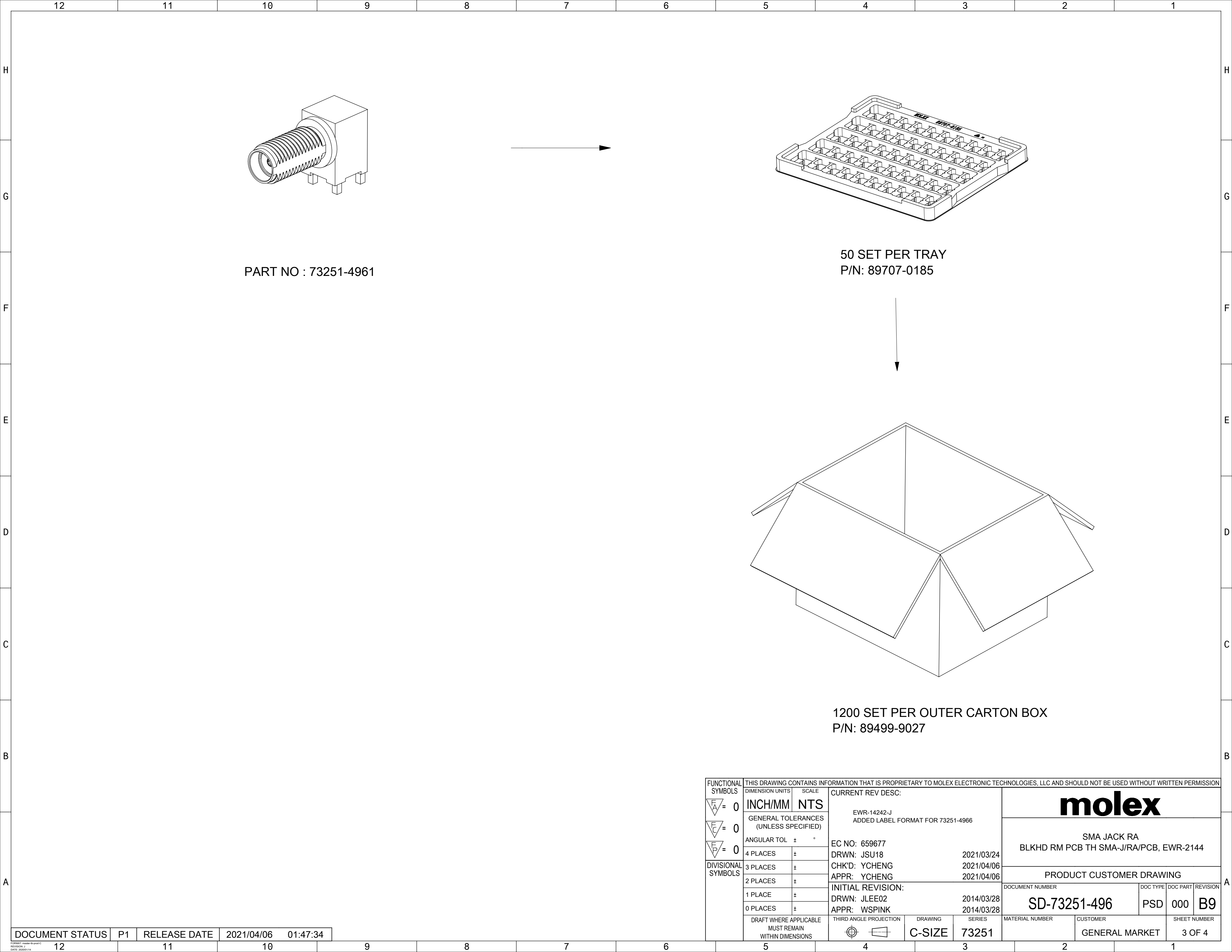
PART NO : 73251-4960
PART NO: 73251-4962
PART NO: 73251-4963
PART NO: 73251-4964
PART NO: 73251-4965

50 SET PER TRAY
P/N: 89707-0185

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: EWR-14242-J ADDED LABEL FORMAT FOR 73251-4966 EC NO: 659677 DRWN: JSU18 2021/03/24 CHK'D: YCHENG 2021/04/06 APPR: YCHENG 2021/04/06 INITIAL REVISION: DRWN: JLEE02 2014/03/28 APPR: WSPINK 2014/03/28				molex SMA JACK RA BLKHD RM PCB TH SMA-J/RA/PCB, EWR-2144						
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL ± °															
DIVISIONAL SYMBOLS	4 PLACES		±		PRODUCT CUSTOMER DRAWING										
	3 PLACES		±												
	2 PLACES		±												
	1 PLACE		±		DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION		
	0 PLACES		±		SD-73251-496				PSD		000		B9		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE		73251				GENERAL MARKET		2 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2021/04/06	01:47:34
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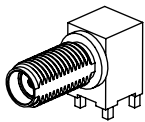
PART NO : 73251-4961

50 SET PER TRAY
P/N: 89707-0185

1200 SET PER OUTER CARTON BOX
P/N: 89499-9027

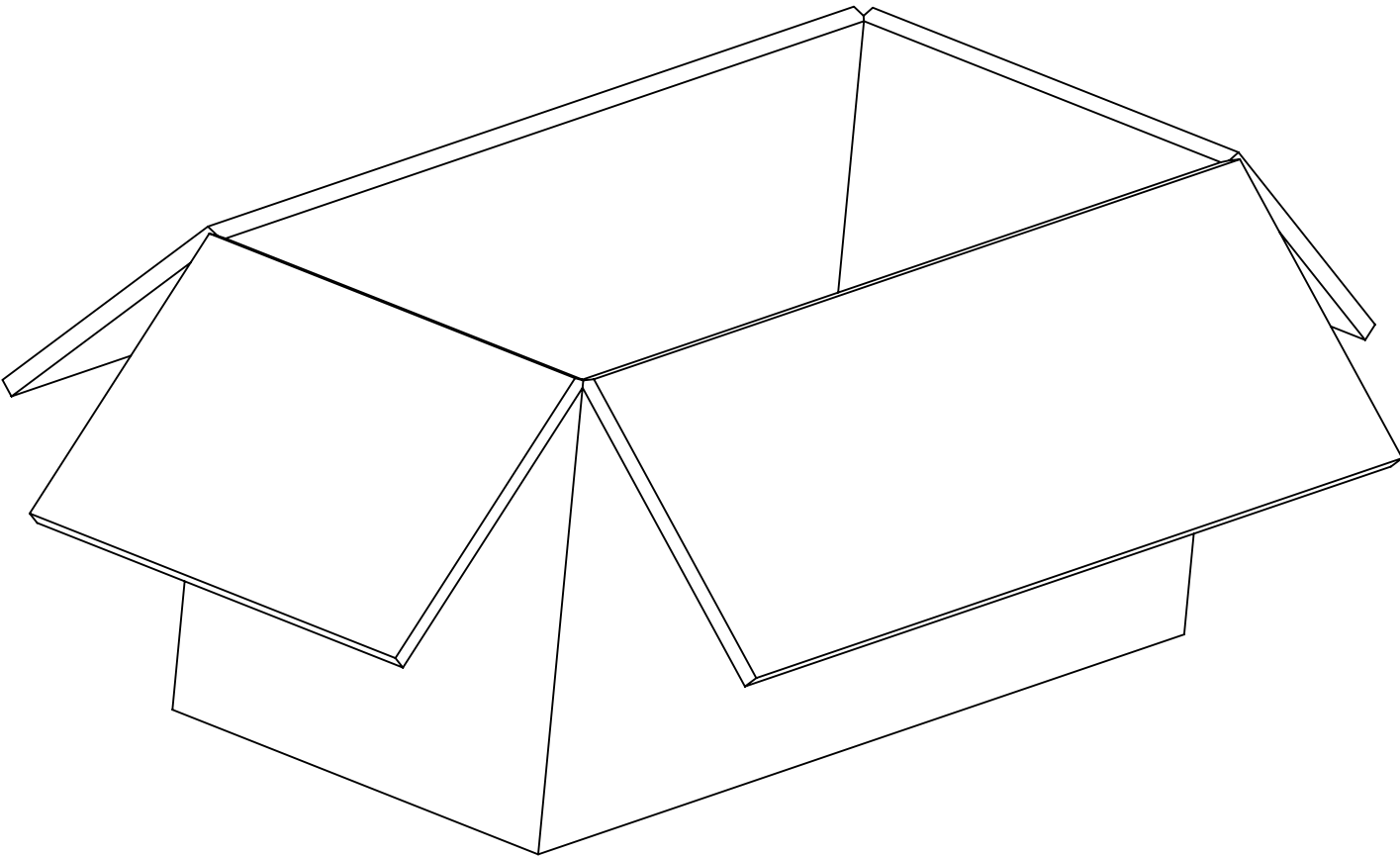
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
F A = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EWR-14242-J ADDED LABEL FORMAT FOR 73251-4966				molex							
	INCH/MM		NTS													
	GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 659677				SMA JACK RA BLKHD RM PCB TH SMA-J/RA/PCB, EWR-2144			
ANGULAR TOL ± °				DRWN: JSU18 2021/03/24												
F C = 0	4 PLACES		±		CHK'D: YCHENG 2021/04/06				PRODUCT CUSTOMER DRAWING							
	3 PLACES		±		APPR: YCHENG 2021/04/06											
	2 PLACES		±		INITIAL REVISION:											
	1 PLACE		±		DRWN: JLEE02 2014/03/28				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	0 PLACES		±		APPR: WSPINK 2014/03/28				SD-73251-496		PSD		000		B9	
F P = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							C-SIZE		73251				GENERAL MARKET		3 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2021/04/06	01:47:34
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FOR 73251-4966 ONLY

1 SET PER POLYBAG
P/N: 89707-0317



50 SET PER POLYBAG
P/N: 89707-0176

500 SET PER OUTER CARTON BOX
P/N: 96707-0002

LABEL FORMAT FOR
73251-4966

PART NUMBER : 73251-2200
ORDER NUMBER : 73251-4966
MOLEX
DATE : YYWW

FUNCTIONAL SYMBOLS F A = 0 F C = 0 F P = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: EWR-14242-J ADDED LABEL FORMAT FOR 73251-4966				molex			
	INCH/MM		NTS									
	GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 659677			
	ANGULAR TOL ± °				DRWN: JSU18							