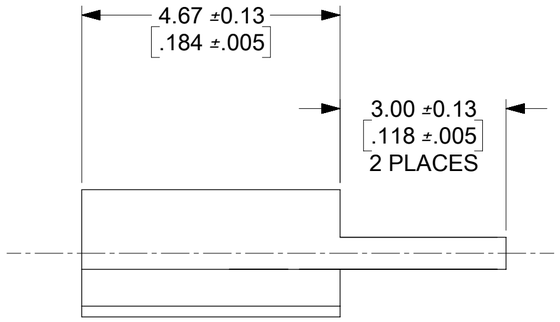
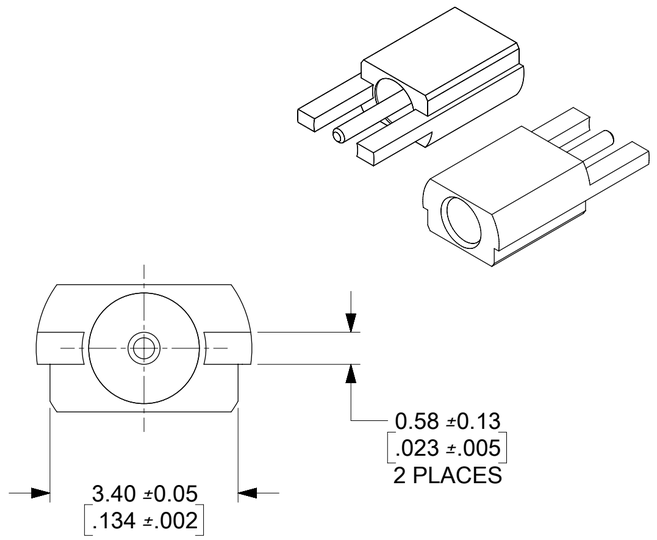
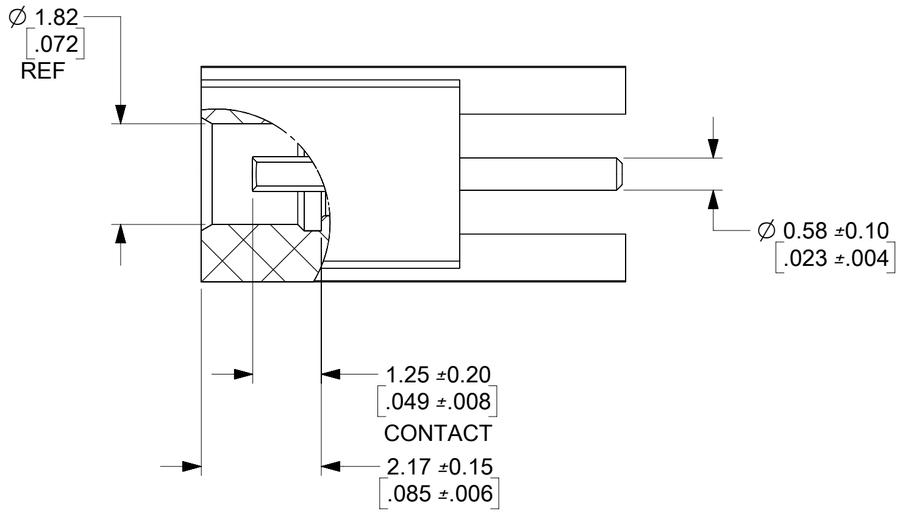








NOTES:

1. PART NO.73415-4670 PACKAGE WITH TRAY
2. PART NO.73415-4671/73415-4672 PACKAGE WITH TAPE & REEL (SEE SHEET 3 & 4)

PART NO.	BODY MATERIAL	BODY FINISH	CONTACT MATERIAL	CONTACT FINISH	INSULATOR
73415-4672	BERYLLIUM COPPER	PLATED GOLD (10µ-in MIN) OVER NICKEL (80µ-in MIN)	BERYLLIUM COPPER	PLATED GOLD (10µ-in MIN) OVER NICKEL (80µ-in MIN)	PTFE
73415-4670 & 73415-4671	BRASS	PLATED GOLD (1µ-in MIN) OVER NICKEL (50µ-in MIN)	BERYLLIUM COPPER	PLATED GOLD (10µ-in MIN) OVER NICKEL (70µ-in MIN)	PTFE

PART NUMBER	DESCRIPTION	PACKAGING
73415-4674	1 PC 73415-4672 PER BAG	ONE PER BAG
73415-4673	1 PC 73415-4670 PER BAG	ONE PER BAG
73415-4672	NON-MAGNETIC	TRAY & REEL SEE SHEET 3 & 4
73415-4671	GENERAL TYPE	TRAY & REEL SEE SHEET 3 & 4
73415-4670	GENERAL TYPE	TRAY PER 89542-0040 DRAWING

REV	DESCRIPTION
B6	ADDED PCB LAUNCH DETAILS ON SHEET 2 ADDED PLATING THICKNESS ON SHEET 2 MOVED DETAILS ON SHEET 2 & 3 TO SHEET 3 & 4 RESPECTIVELY
B5	UPDATE DIMENSION TOLERANCE 2.3 REF TO 2.3±0.13 , ∅3.9 REF TO 3.9±0.13 4.72 REF TO 4.67±0.13 , 3.00 REF TO 3.00±0.13 0.58 REF TO 0.58±0.13 , 3.40 REF TO 3.40±0.13 REMOVE DIMENSION ∅0.58 REF ADD VIEW WITH DIMENSION ∅1.82±0.13 , 1.24±0.20 , 2.17±0.15 , ∅0.58±0.10

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm
SCALE:

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 2.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REV TABLE

EC NO: 603404
DRWN: PSWAMI02 2018/08/21
CHK'D: PSWAMI02 2018/09/05
APPR: AROBERTSON 2018/09/05

INITIAL REVISION:
DRWN: JTSAO 2005/03/17
APPR: MHUANG 2005/03/21

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 73415

molex

SSMCX JACK, 50 OHM
EDGE MOUNT SSMCX-J/PCB, EWR-12178

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-73415-467	PSD	001	B6

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE		1 OF 4

SPECIFICATION	DESCRIPTION
PS-73598-0220	ELECTRO/MECH PERFORM.

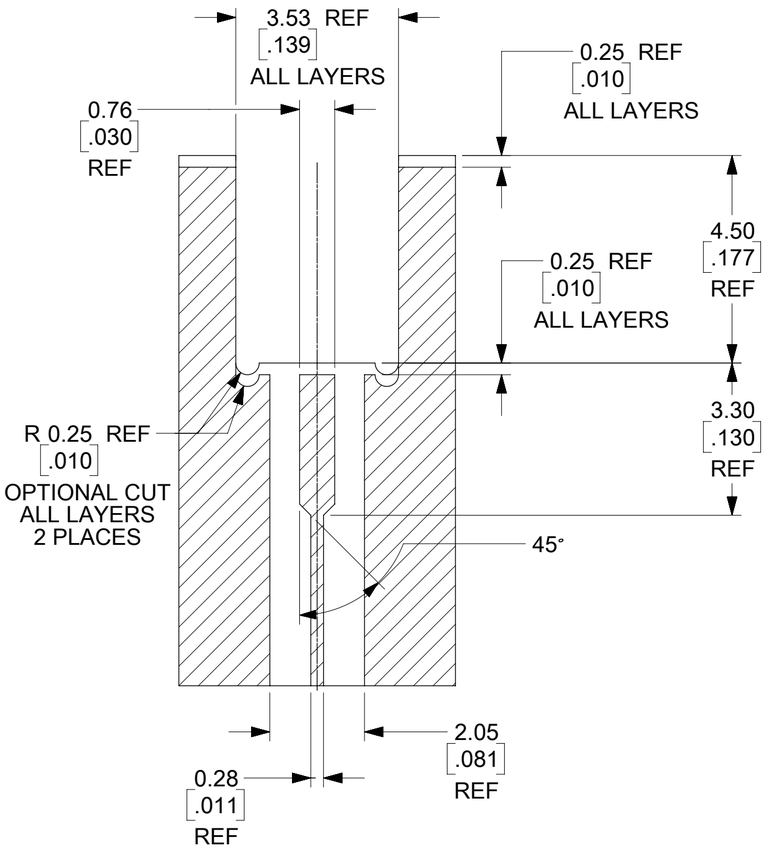
DOCUMENT STATUS	P1	RELEASE DATE	2018/09/05 16:18:25

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18

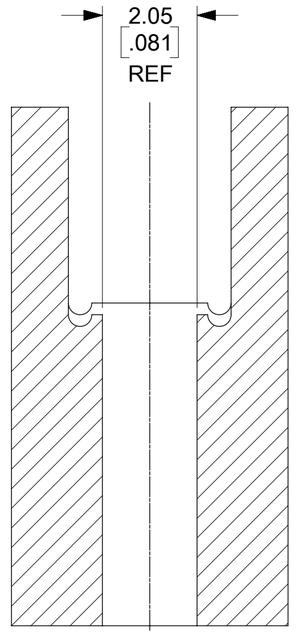
PCB CONNECTOR LAUNCH / PAD (FOR REFERENCE ONLY)

ALL HATCHED SURFACES SHOWN BELOW ARE COPPER (Cu)

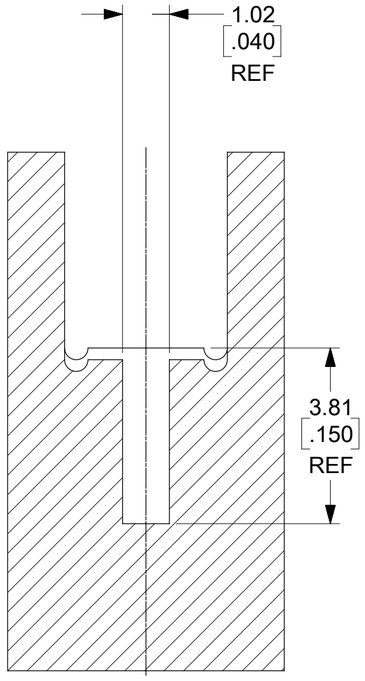
MOUNTING/SIGNAL LAYER (LAYER 1)



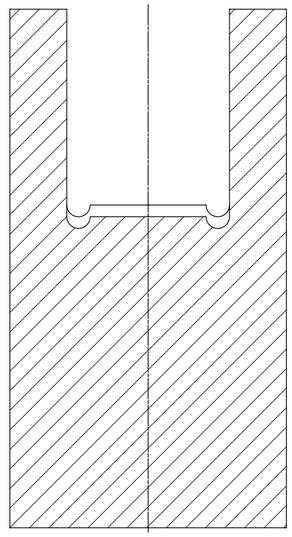
SUBSEQUENT LAYER (LAYER 2)



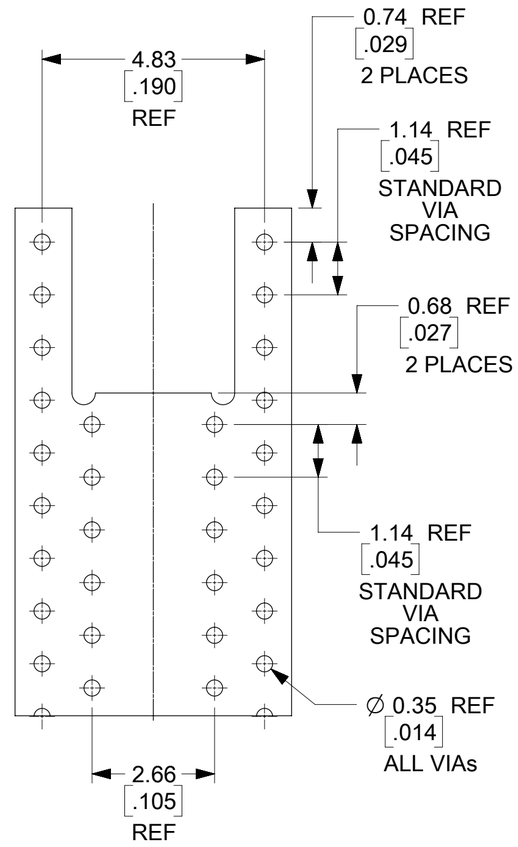
REFERENCE LAYER (LAYER 3)



SUBSEQUENT LAYER(S)



VIAs

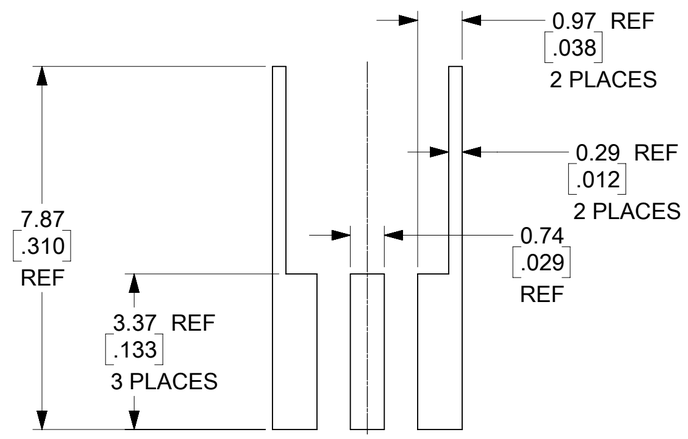


PCB STACK UP

LAYER	MATERIAL	Dk	THICKNESS(mil)
1	1/2 oz Cu + PLATING		1.8
	RO4350 (CORE)	4.1	2.65
2	1/2 oz Cu + PLATING		0.6
	RO4350	4.1	3
3	1/2 oz Cu		0.6
	FR4	4.1	36.1
4	1/2 oz Cu		0.6
	FR4	4.1	3
5	1/2 oz Cu		0.6
	FR4	4.1	2.65
6*	1/2 oz Cu		0.6

* SUBSEQUENT LAYERS MAY BE ADDED AS REQUIRED FOR INDIVIDUAL APPLICATIONS

SOLDER MASK



TYPICAL PERFORMANCE CHARATERISTICS WITH CONNECTOR AND PCB LAUNCH SHOWN

VSWR (FULLY MATED)	FREQUENCY BAND
1.10	DC TO 6 GHz
1.25	6GHz TO 8 GHz

VARYING PCB STACKUPS AND PCB LAUNCH WILL RESULT IN VARYING RESULTS
CONTACT MOLEX RF / MICROWAVE FOR APPLICATION SPECIFIC ASSISTANCE

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DIMENSION UNITS	mm
SCALE	
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 2.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: SEE REV TABLE

EC NO: 603404
DRWN: PSWAMI02 2018/08/21
CHK'D: PSWAMI02 2018/09/05
APPR: AROBERTSON 2018/09/05

INITIAL REVISION:
DRWN: JTSAO 2005/03/17
APPR: MHUANG 2005/03/21

molex

SSMCX JACK, 50 OHM
EDGE MOUNT SSMCX-J/PCB, EWR-12178

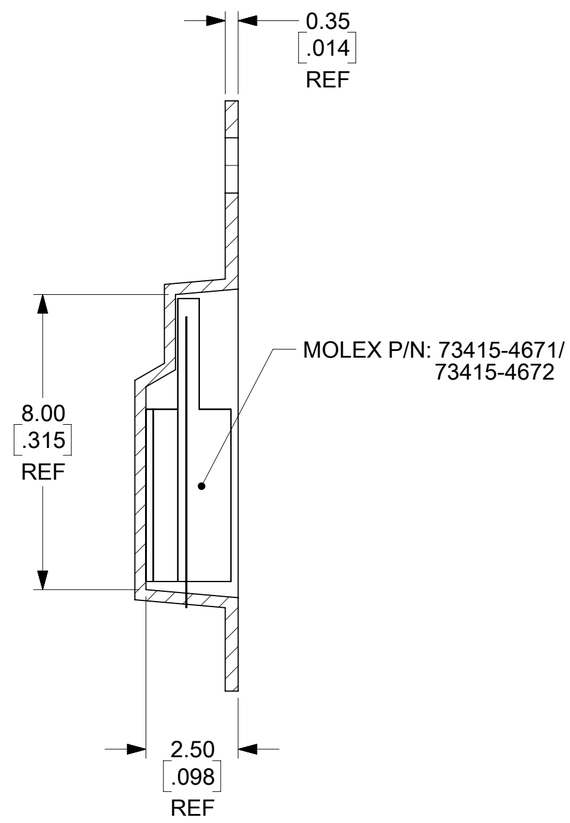
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-73415-467	PSD	001	B6

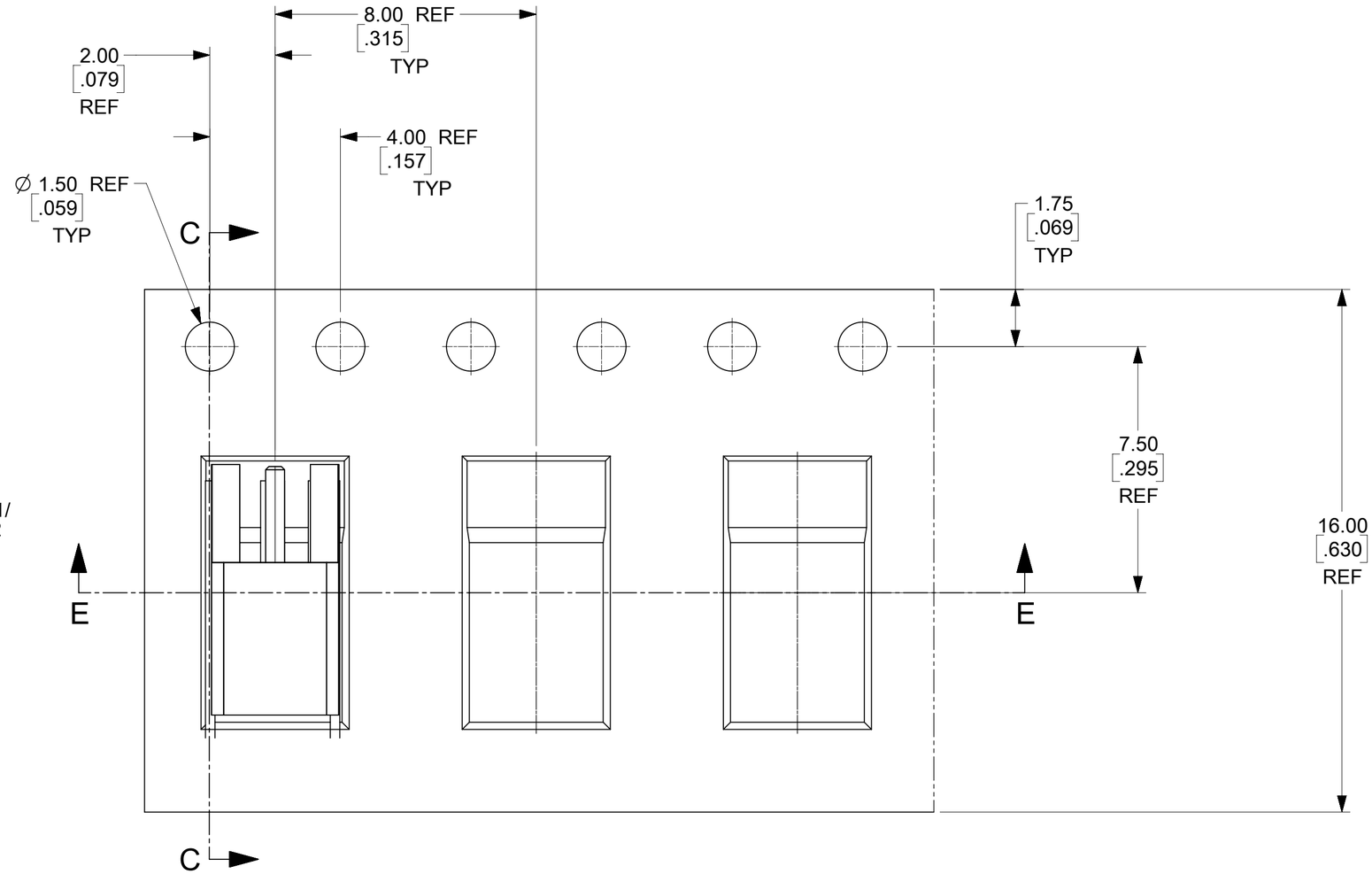
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	73415	SEE TABLE		2 OF 4

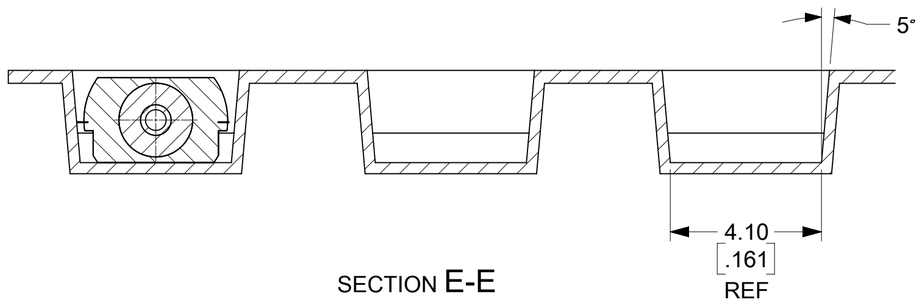
DOCUMENT STATUS	P1	RELEASE DATE	2018/09/05 16:18:25

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18



SECTION C-C





SECTION E-E

PART # 73415-4671 / 73415-4672

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 2.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REV TABLE

EC NO: 603404

DRWN:	PSWAMI02	2018/08/21
CHK'D:	PSWAMI02	2018/09/05
APPR:	AROBERTSON	2018/09/05

INITIAL REVISION:

DRWN:	JTSAO	2005/03/17
APPR:	MHUANG	2005/03/21

molex

SSMCX JACK, 50 OHM
EDGE MOUNT SSMCX-J/PCB, EWR-12178

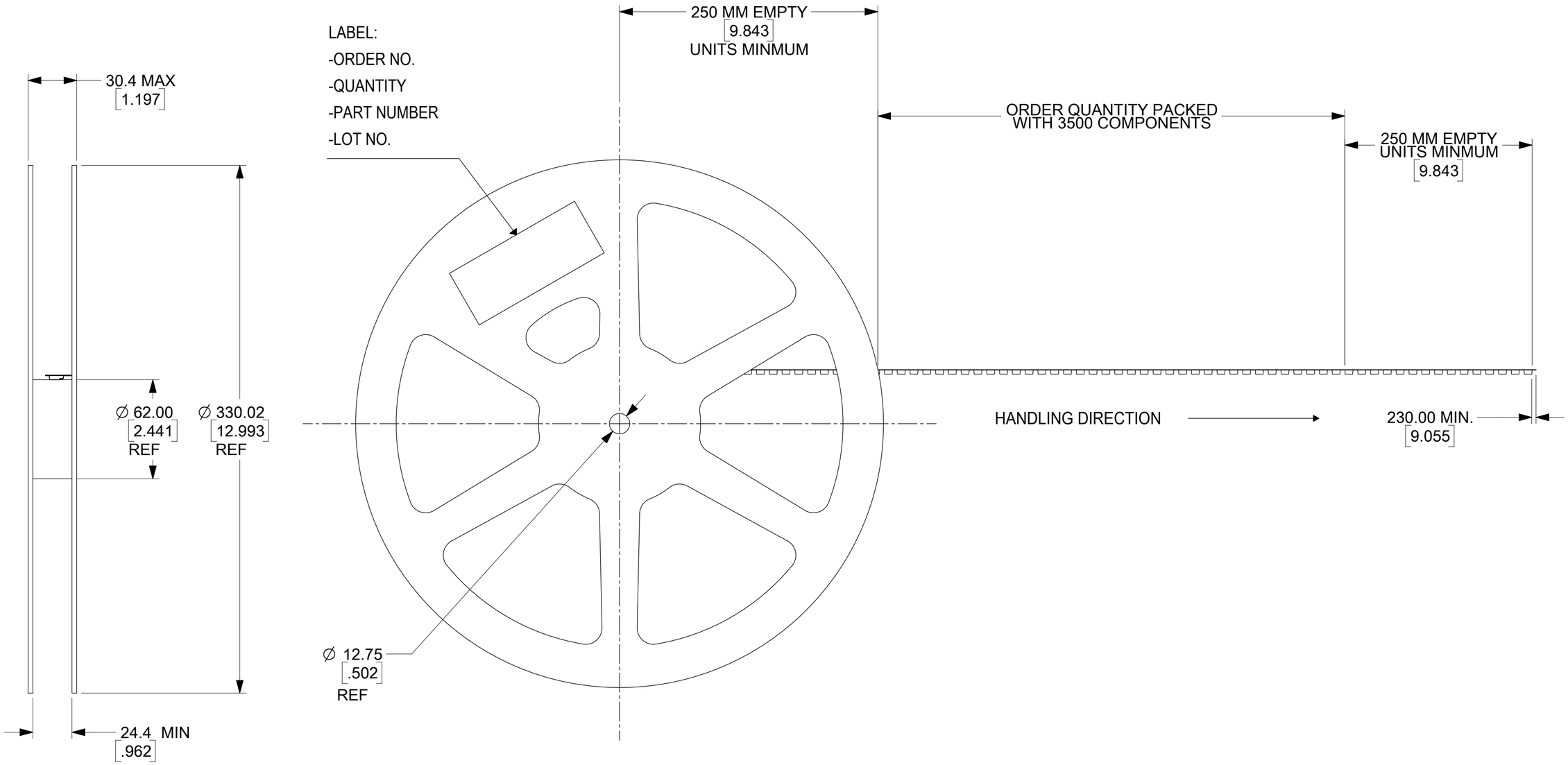
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-73415-467	PSD	001	B6

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	73415	SEE TABLE		3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2018/09/05 16:18:25

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18



PART # 73415-4671/73415-4672

PACKING DESCRIPTION :

1. MATERIAL : PS BLACK-THICKNESS : 0.35
2. PACKING LENGTH PER 22" REEL : 86 METER (1:3)
3. COMPONENT LOAD PER 13" REEL : 3500 PCS
4. DIMENSION ARE PROVIDED FOR REFERENCE ONLY

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DIMENSION UNITS	SCALE
mm	

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 2.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REV TABLE

EC NO:	603404	
DRWN:	PSWAMI02	2018/08/21
CHK'D:	PSWAMI02	2018/09/05
APPR:	AROBERTSON	2018/09/05

INITIAL REVISION:

DRWN:	JTSAO	2005/03/17
APPR:	MHUANG	2005/03/21

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 73415

molex

SSMCX JACK, 50 OHM
EDGE MOUNT SSMCX-J/PCB, EWR-12178

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-73415-467	PSD	001	B6

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE		4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2018/09/05 16:18:25

FORMAT: master-tb-prod-C
REVISION: H
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