

MATERIALS AND FINISHES:

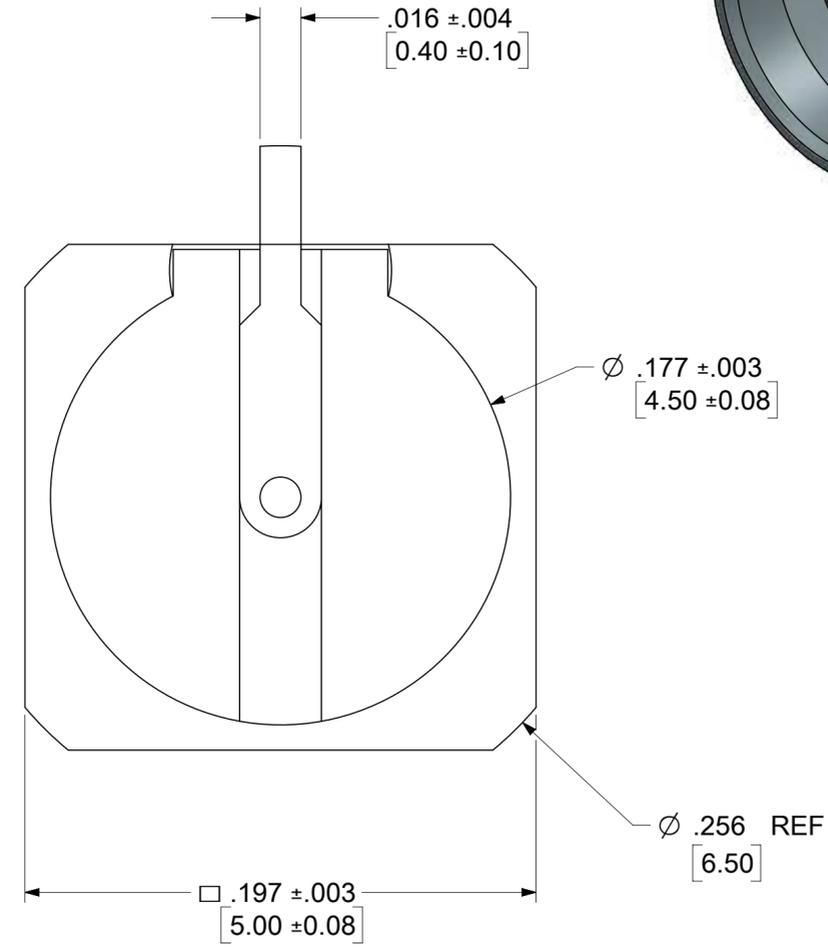
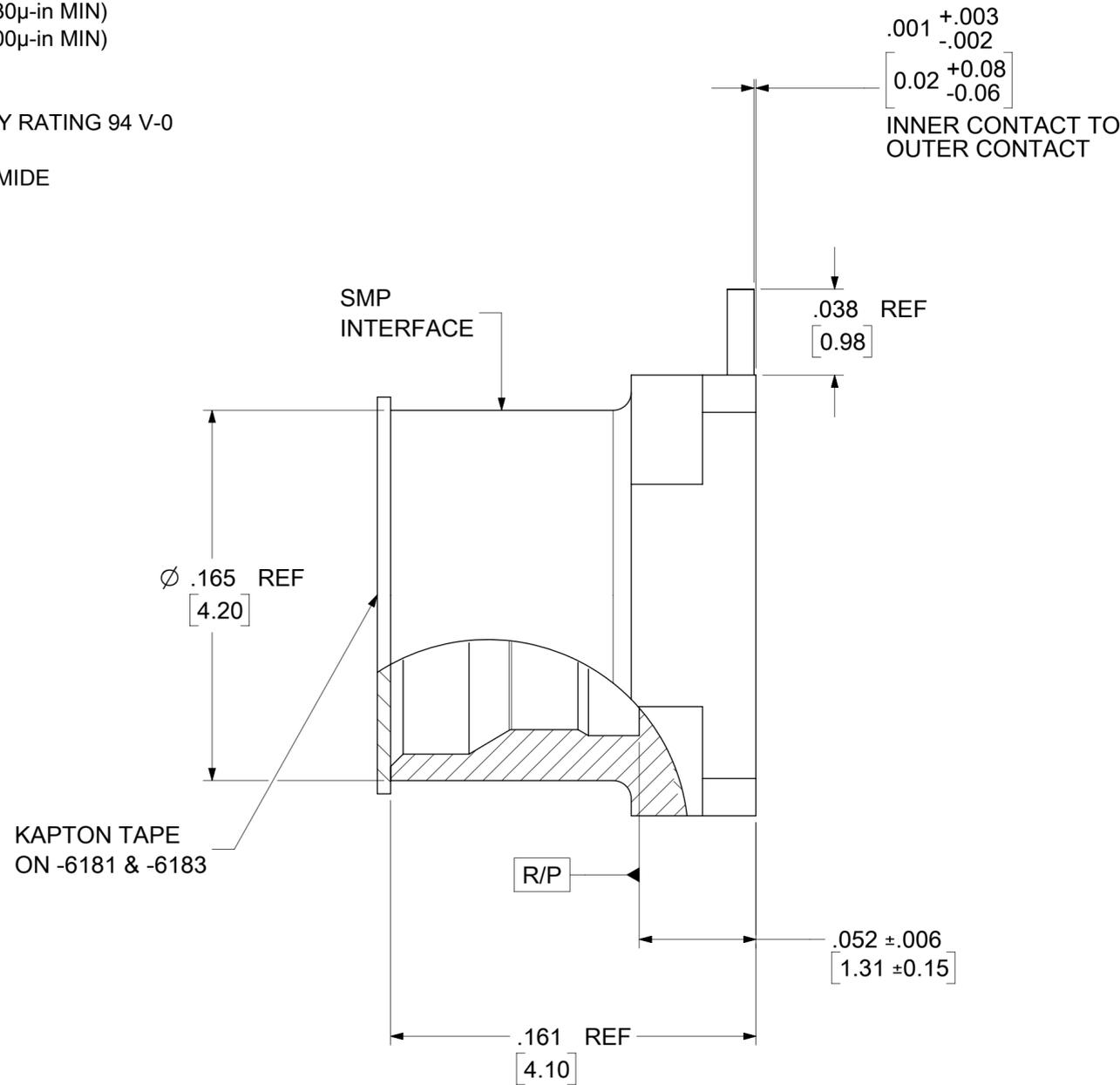
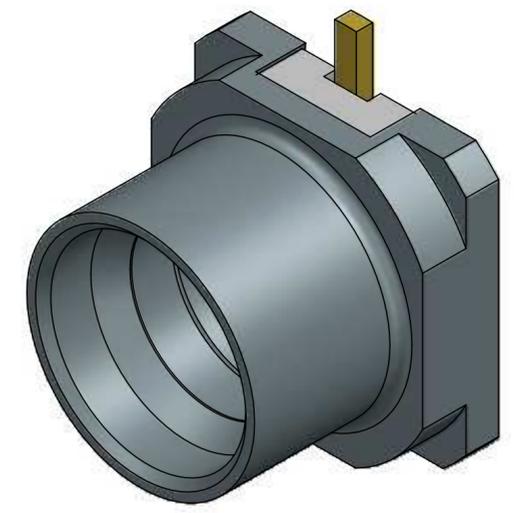
INNER & OUTER CONTACT: BRASS
 PLATED: GOLD (30µ-in MIN)
 OVER NICKEL (100µ-in MIN)

INSULATOR: LCP
 UL FLAMMABILITY RATING 94 V-0

KAPTON: POLYAMIDE
 COLOR: AMBER

TAPE: SHEET 3

REEL: SHEET 4



73415-6183	85305-0232, TAPE AND REEL WITH KAPTON TAPE	1K PER REEL	1K PER CARTON
73415-6182	85305-0232, TAPE AND REEL	1K PER REEL	1K PER CARTON
73415-6181	85305-0232, TAPE AND REEL WITH KAPTON TAPE	1K PER REEL	7K PER CARTON
73415-6180	85305-0232, ONE PER BAG	ONE PER BAG	500 PER CARTON
85305-0232	TAPE AND REEL	1K PER REEL	7K PER CARTON
PART NO.	PACKAGING	QUANTITY	

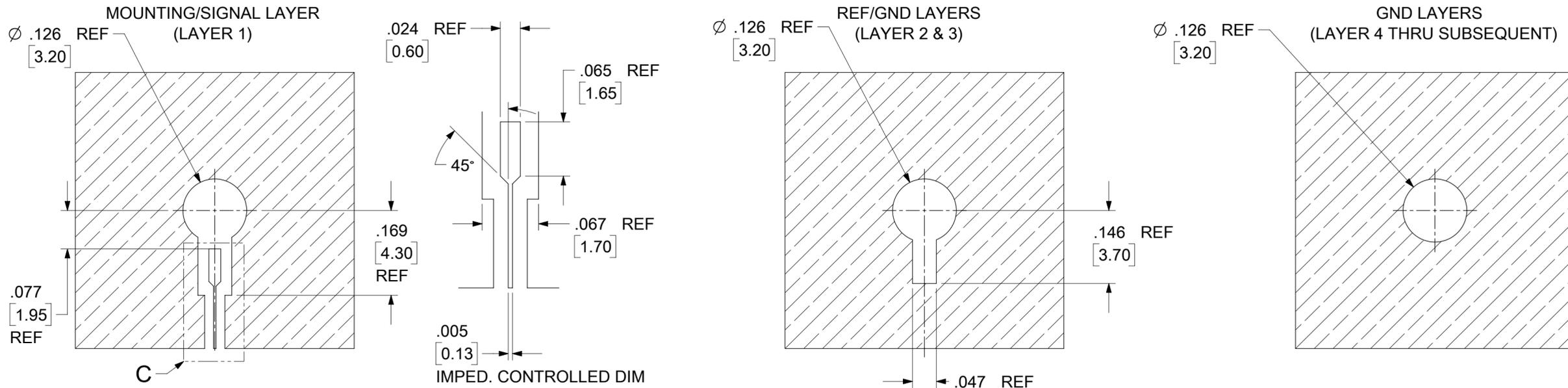
PS-89675-3320	PRODUCT SPECIFICATION
MIL-STD-248, FIG 326-3	INTERFACE, SMP, LIMITED DETENT
SPECIFICATION	DESCRIPTION

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/12 19:38:12
-----------------	----	--------------	---------------------

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	DIMENSION UNITS		SCALE	
	INCH/MM		NTS	
	CURRENT REV DESC:			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 657124		
		DRWN: BSHAH 2021/02/23		
		CHK'D: LMEIER 2021/03/12		
		APPR: KTAGAN 2021/03/12		
DIVISIONAL SYMBOLS		INITIAL REVISION:		
4 PLACES ±		DRWN: AROBERTSON 2005/07/29		
3 PLACES ±		APPR: JWIENER 2005/08/01		
2 PLACES ± 0.13 ± 0.01		DOCUMENT NUMBER		
1 PLACE ± 0.25 ±		SD-85305-0232		
0 PLACES ±		DOC TYPE		
ANGULAR TOL ± 2.0 °		PSD		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOC PART		
THIRD ANGLE PROJECTION		001		
DRAWING		REVISION		
C-SIZE		B16		
SERIES		MATERIAL NUMBER		
85305		SEE TABLE		
SHEET NUMBER		CUSTOMER		
1 OF 4				

PCB CONNECTOR LAUNCH / PAD (FOR REFERENCE ONLY)

ALL HATCHED SURFACES SHOWN BELOW ARE COPPER (Cu)



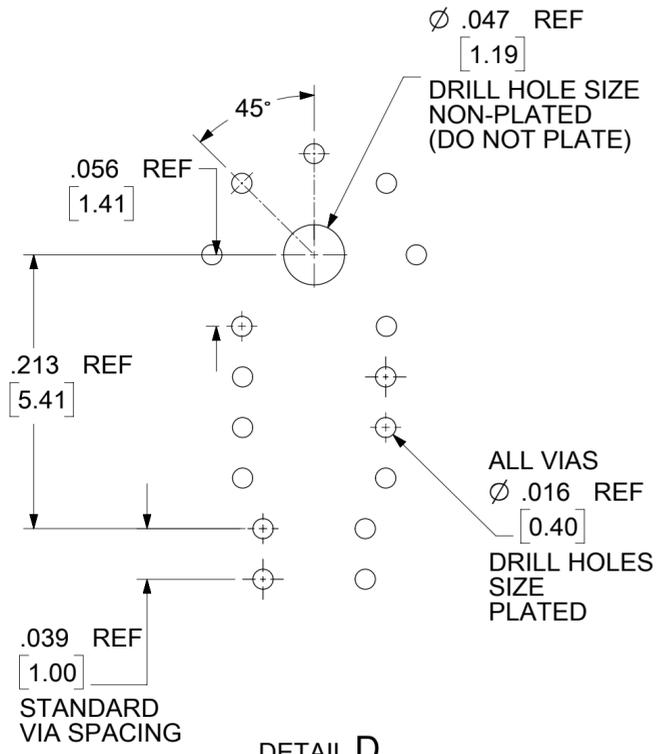
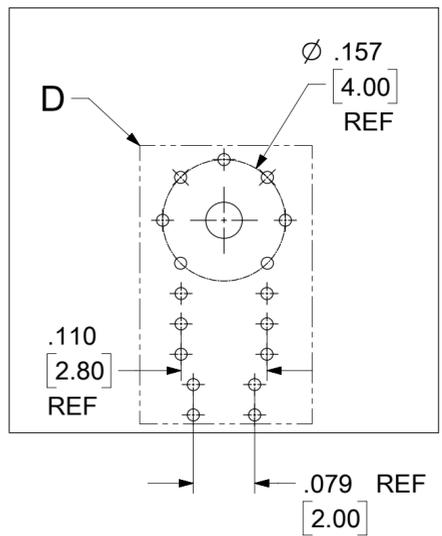
DETAIL C

PCB STACK UP

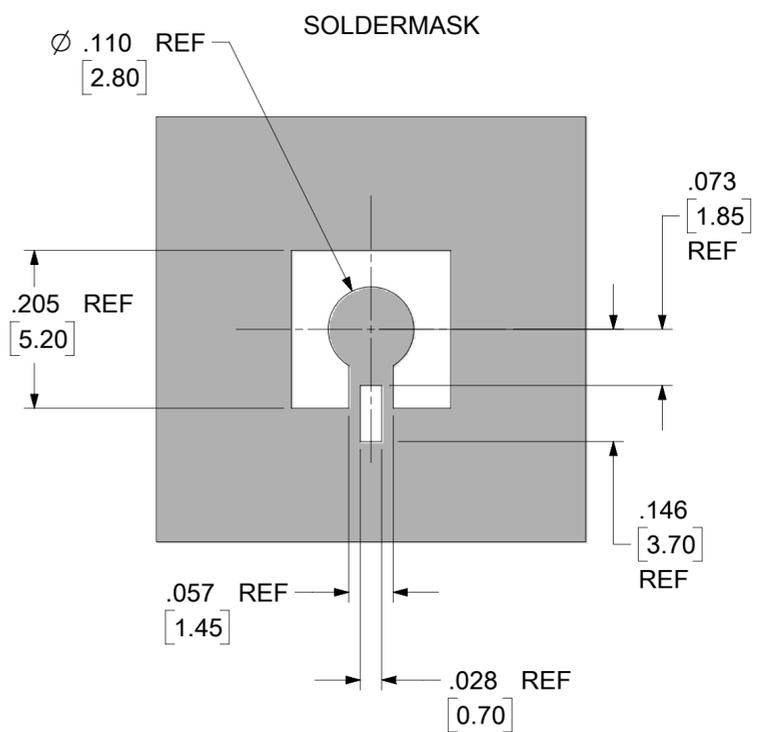
LAYER	MATERIAL	Dk	THICKNESS (mil)
1	1/2 oz. Cu + PLATING		0.0434
	ISOLA FR408	3.67	0.07
2	1/2 oz. Cu		0.018
	ISOLA FR408	3.67	0.1464
3	1/2 oz. Cu		0.018
	ISOLA FR408	3.67	0.6784
4*	1/2 oz. Cu		0.018

* SUBSEQUENT LAYERS MAY BE ADDED AS REQUIRED FOR INDIVIDUAL APPLICATIONS

VIAS AND THRU HOLES



DETAIL D



TYPICAL PERFORMANCE CHARACTERISTICS WITH CONNECTOR AND PCB LAUNCH SHOWN

Typical Return Loss	FREQUENCY BAND
20dB	DC TO 18GHz

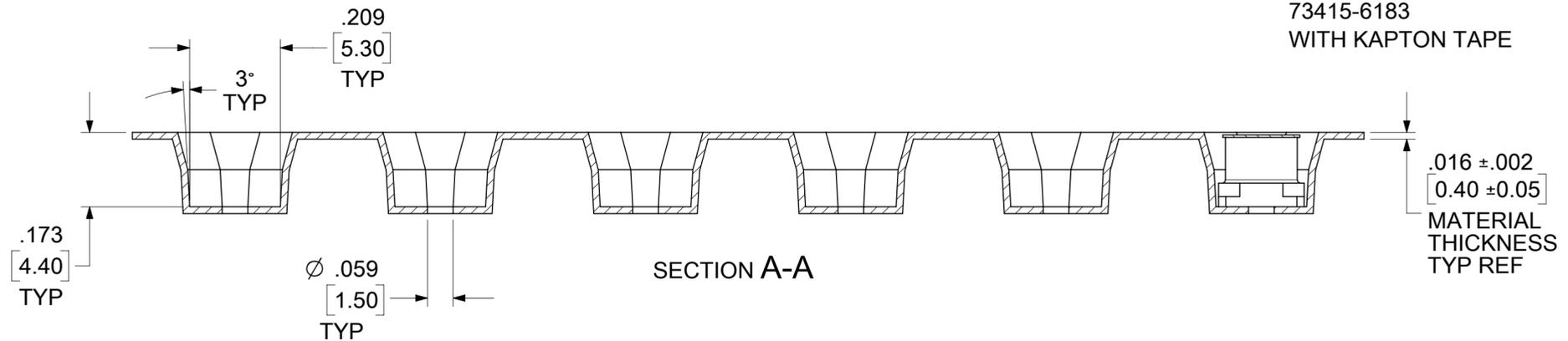
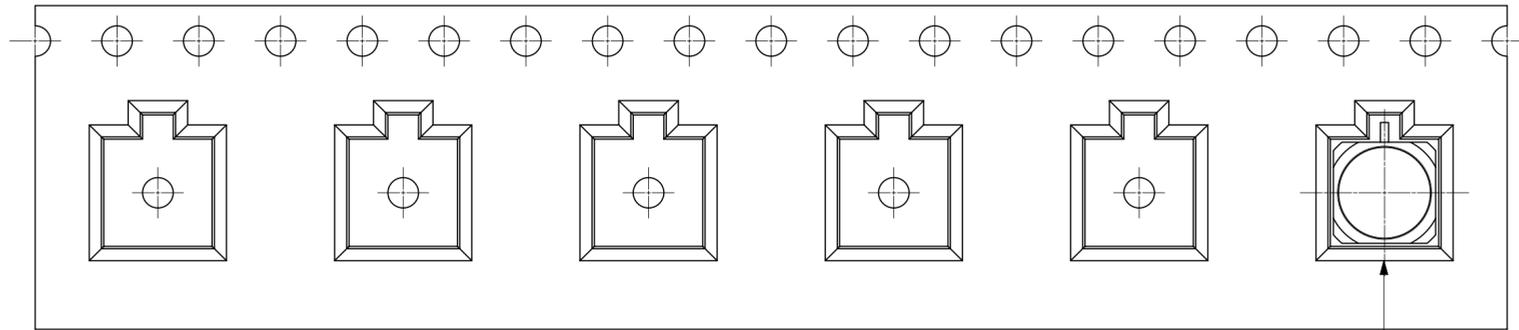
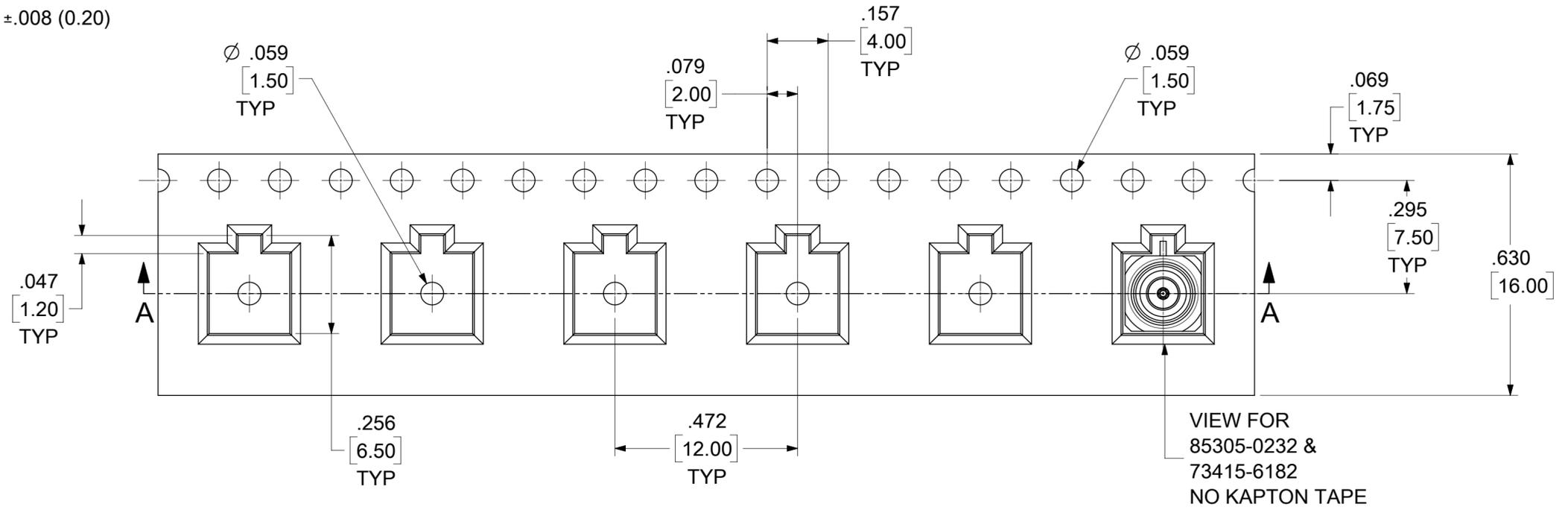
VARYING PCB STACKUPS AND PCB LAUNCH WILL RESULT IN VARYING RESULTS

CONTACT MOLEX RF / MICROWAVE FOR APPLICATION SPECIFIC ASSISTANCE

FUNCTIONAL 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:	
$F_A = 0$	INCH/MM	NTS		
$F_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			
$F_P = 0$		MM	INCH	
DIVISIONAL SYMBOLS	4 PLACES	±	±	
	3 PLACES	±	± 0.005	
	2 PLACES	±	± 0.13	± 0.01
	1 PLACE	±	± 0.25	±
	0 PLACES	±	±	±
	ANGULAR TOL	± 2.0 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			C-SIZE	85305
		EC NO: 657124	2021/02/23	
		DRWN: BSHAH	2021/03/12	
		CHK'D: LMEIER	2021/03/12	
		APPR: KTAGAN	2021/03/12	
		INITIAL REVISION:		
		DRWN: AROBERTSON	2005/07/29	
		APPR: JWIENER	2005/08/01	
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SD-85305-0232		PSD	001	B16
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER	
SEE TABLE			2 OF 4	

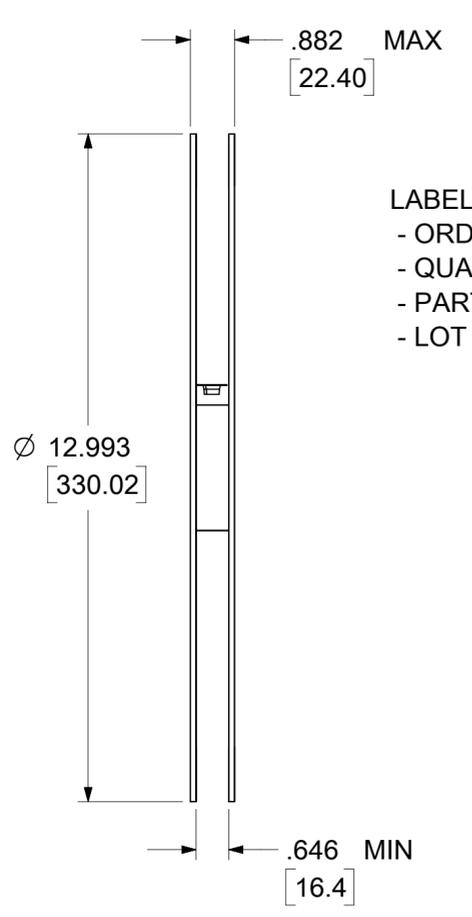
NOTE:

1. 10 PITCH CUMULATIVE TOLERANCE: ±.008 (0.20)



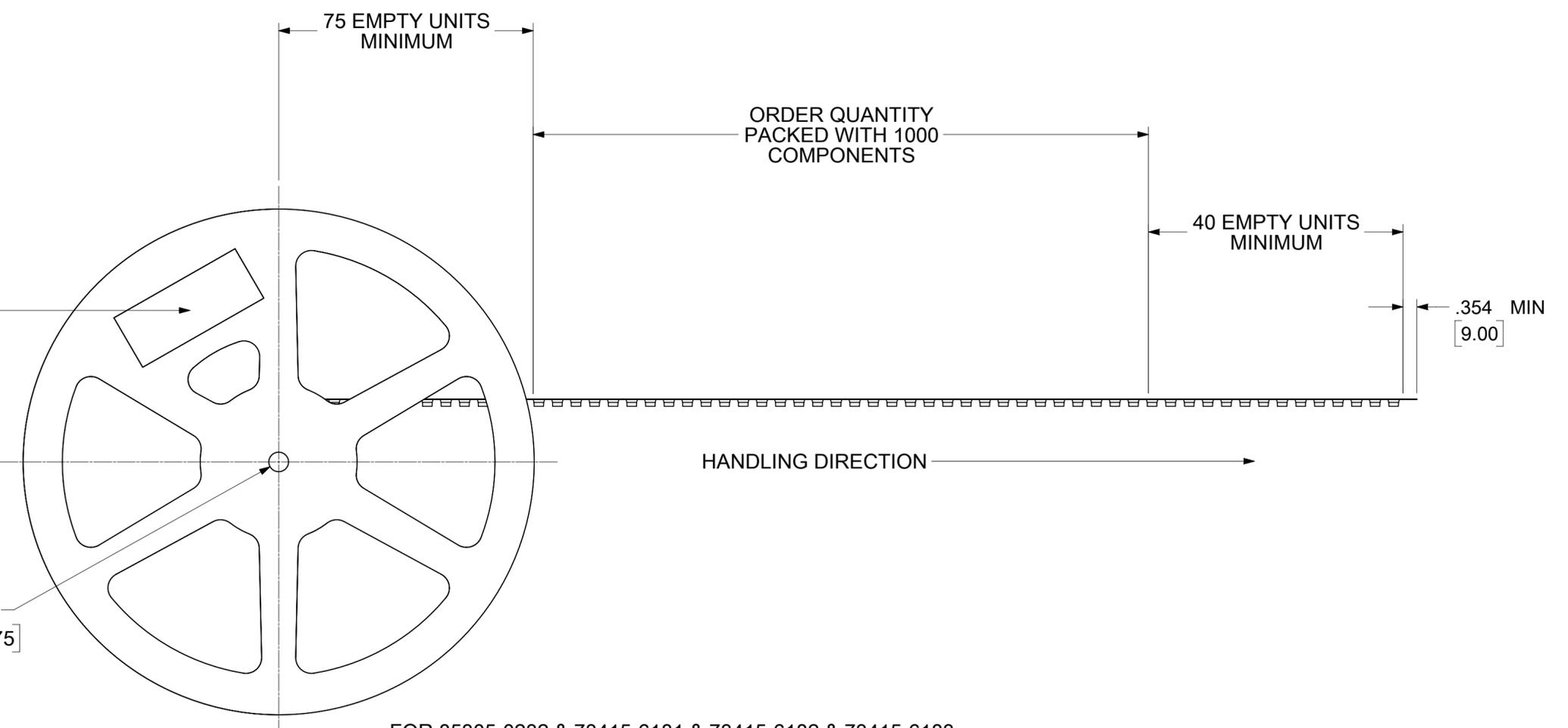
MATERIAL: POLYSTYRENE
COLOR: BLACK
.016 ±.002 [0.40 ±0.05] THICK

FUNCTIONAL SYMBOLS $\frac{F}{A} = 0$ $\frac{F}{C} = 0$ $\frac{F}{P} = 0$ 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:							
	INCH/MM		NTS		EC NO: 657124 DRWN: BSHAH 2021/02/23 CHK'D: LMEIER 2021/03/12 APPR: KTAGAN 2021/03/12							
	GENERAL TOLERANCES (UNLESS SPECIFIED)										PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-85305-0232 DOC TYPE: PSD DOC PART: 001 REVISION: B16 MATERIAL NUMBER: SEE TABLE CUSTOMER: SHEET NUMBER: 3 OF 4	
4 PLACES		±		INITIAL REVISION: DRWN: AROBERTSON 2005/07/29 APPR: JWIENER 2005/08/01								
3 PLACES		±	± 0.005	DRAWING		SERIES		C-SIZE		85305		
2 PLACES		±	0.13 ± 0.01	THIRD ANGLE PROJECTION								
1 PLACE		±	0.25 ±									
0 PLACES		±										
ANGULAR TOL		±	2.0 °									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												

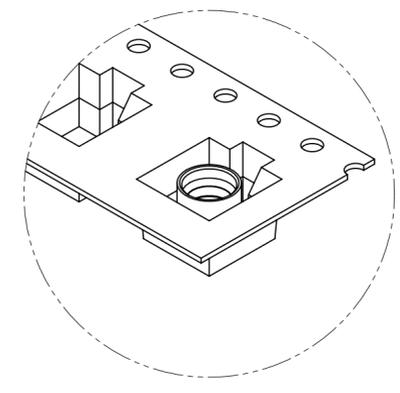
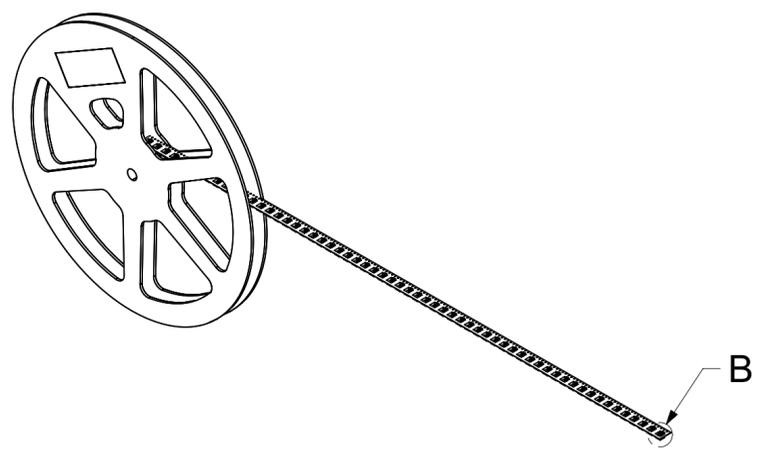


LABEL:
 - ORDER NO.
 - QUANTITY
 - PART NUMBER
 - LOT NUMBER

Ø .502
 [12.75]



FOR 85305-0232 & 73415-6181 & 73415-6182 & 73415-6183



DETAIL B
 SCALE 3:1

FUNCTIONAL SYMBOLS $\frac{F}{A} = 0$ $\frac{F}{C} = 0$ $\frac{F}{P} = 0$	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:							
	INCH/MM		NTS		EC NO: 657124 DRWN: BSHAH 2021/02/23 CHK'D: LMEIER 2021/03/12 APPR: KTAGAN 2021/03/12 INITIAL REVISION: DRWN: AROBERTSON 2005/07/29 APPR: JWIENER 2005/08/01							
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
4 PLACES		±		±								
3 PLACES		±		±	0.005							
2 PLACES		±	0.13	±	0.01							
1 PLACE		±	0.25	±								
0 PLACES		±		±								
ANGULAR TOL		±	2.0 °	THIRD ANGLE PROJECTION						DRAWING SERIES		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				C-SIZE		85305		MATERIAL NUMBER		CUSTOMER		
								SD-85305-0232		SEE TABLE		
								DOC TYPE		DOC PART		
								PSD		001		
										REVISION		
										B16		
								SHEET NUMBER		4 OF 4		