

MATERIALS AND FINISH

BODY: BRASS
PLATED TIN

CENTER CONTACT: BERYLLIUM COPPER
PLATED GOLD

CONTACT: BRASS
PLATED GOLD

INSULATOR: TEFLON

JAM NUT: BRASS
PLATED NICKEL

WASHER: PHOSPHOR BRONZE
PLATED NICKEL

ELECTRICAL CHARACTERISTICS:

FREQUENCY RANGE: DC TO 12 GHZ.
NOMINAL IMPEDANCE: 75Ω
RF RETURN LOSS:
CONNECTOR ONLY (MODEL BASED)

FREQUENCY	MIN RL
0-6 GHz	30 dB
6-12 GHz	20 dB

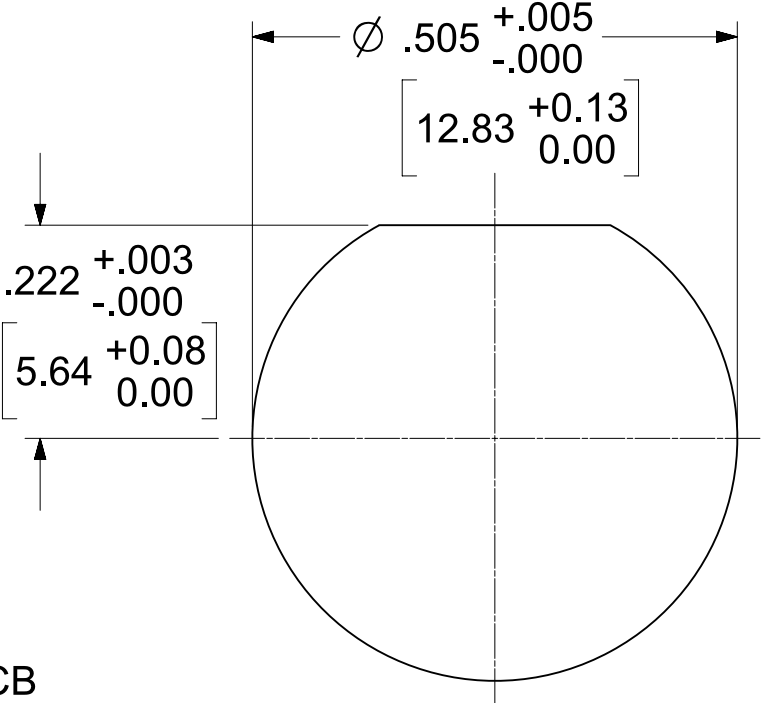
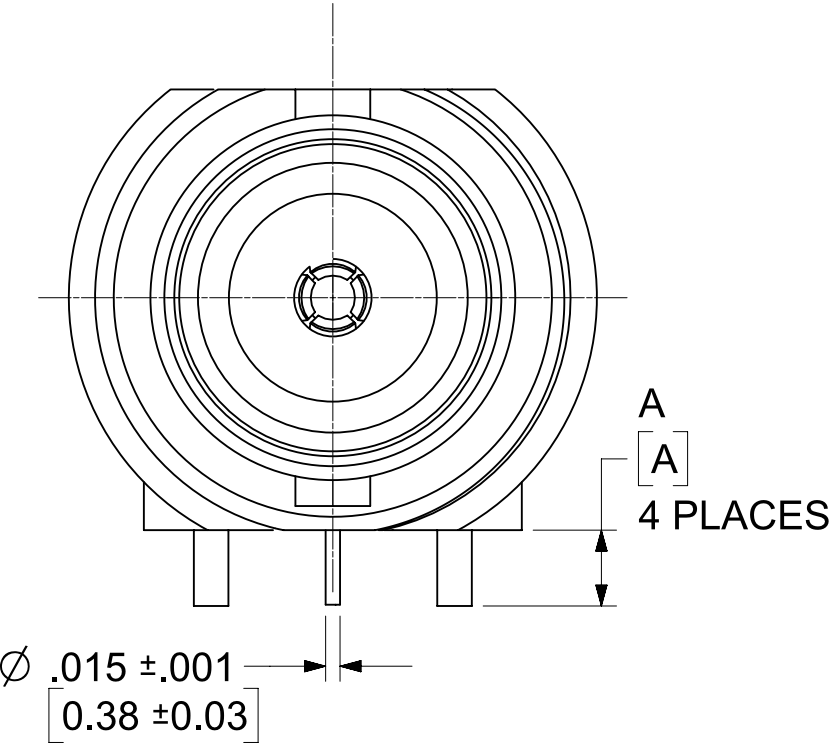
CONNECTOR WITH PCB LAUNCH
(MEASURED DATA WITH OPTIMIZED PCB
LAUNCH, FOR REFERENCE ONLY)

FREQUENCY	MIN RL
0-6 GHz	22 dB
6-12 GHz	16 dB

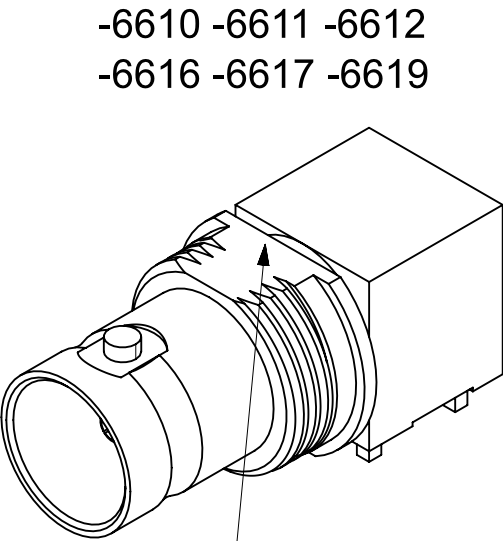
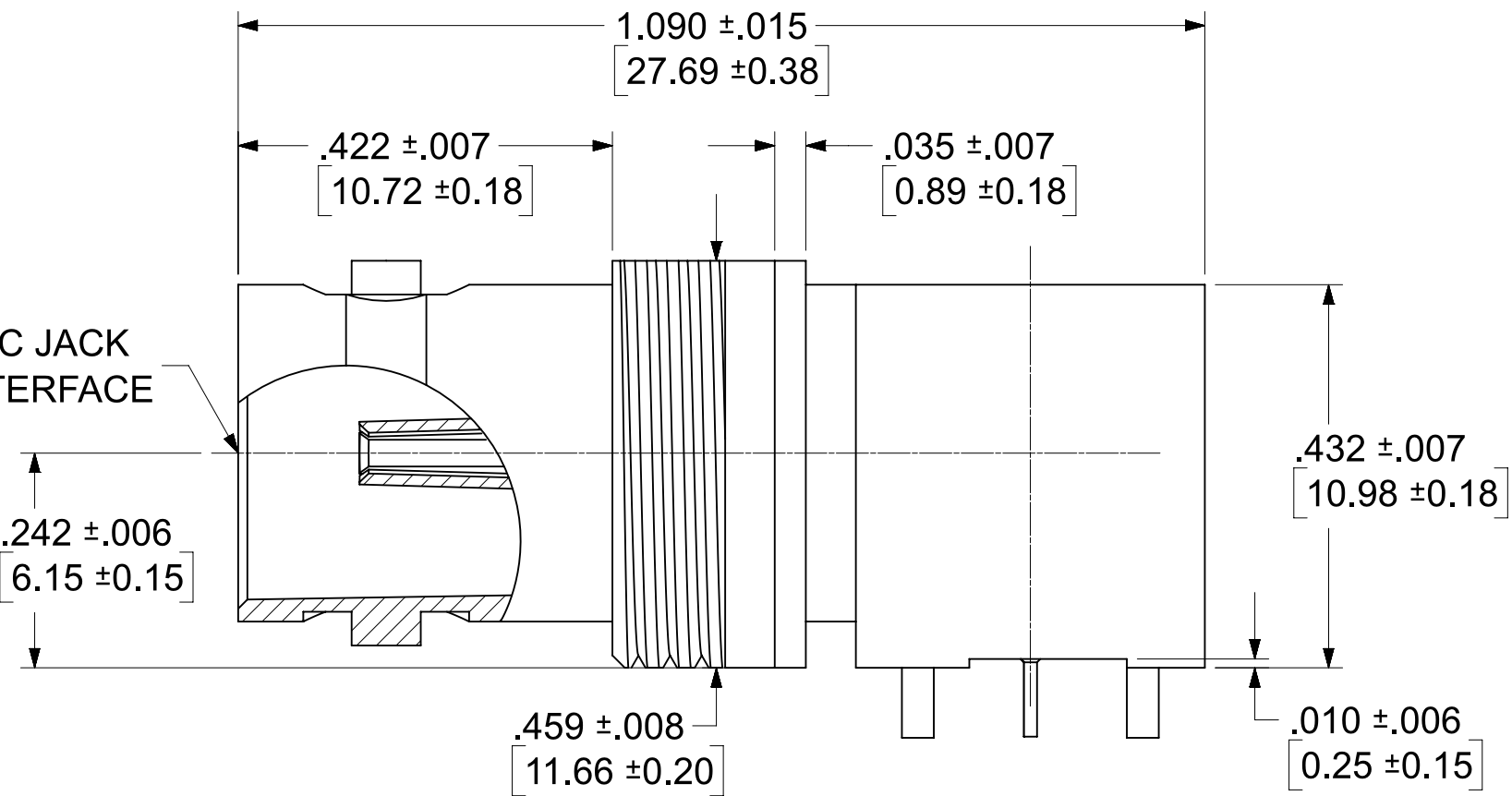
RF INSERTION LOSS: 0.5 dB MAX

73171-6619	SAME AS 73171-6611 in 960pcs MOQ				TRAY
73171-6618	.083±.007	2.10±0.18	NOT INCLUDE	NOT INCLUDE	
73171-6617			89519-4701	89610-0104	
73171-6616			89611-0450		
73171-6612	.079±.007	2.01±0.18	NOT INCLUDE	NOT INCLUDE	
73171-6611			89519-4701	89610-0104	
73171-6610			89611-0450		
PART NO.	IN	MM	JAM NUT	WASHER	PACKAGING
	DIM A (IN/MM)				

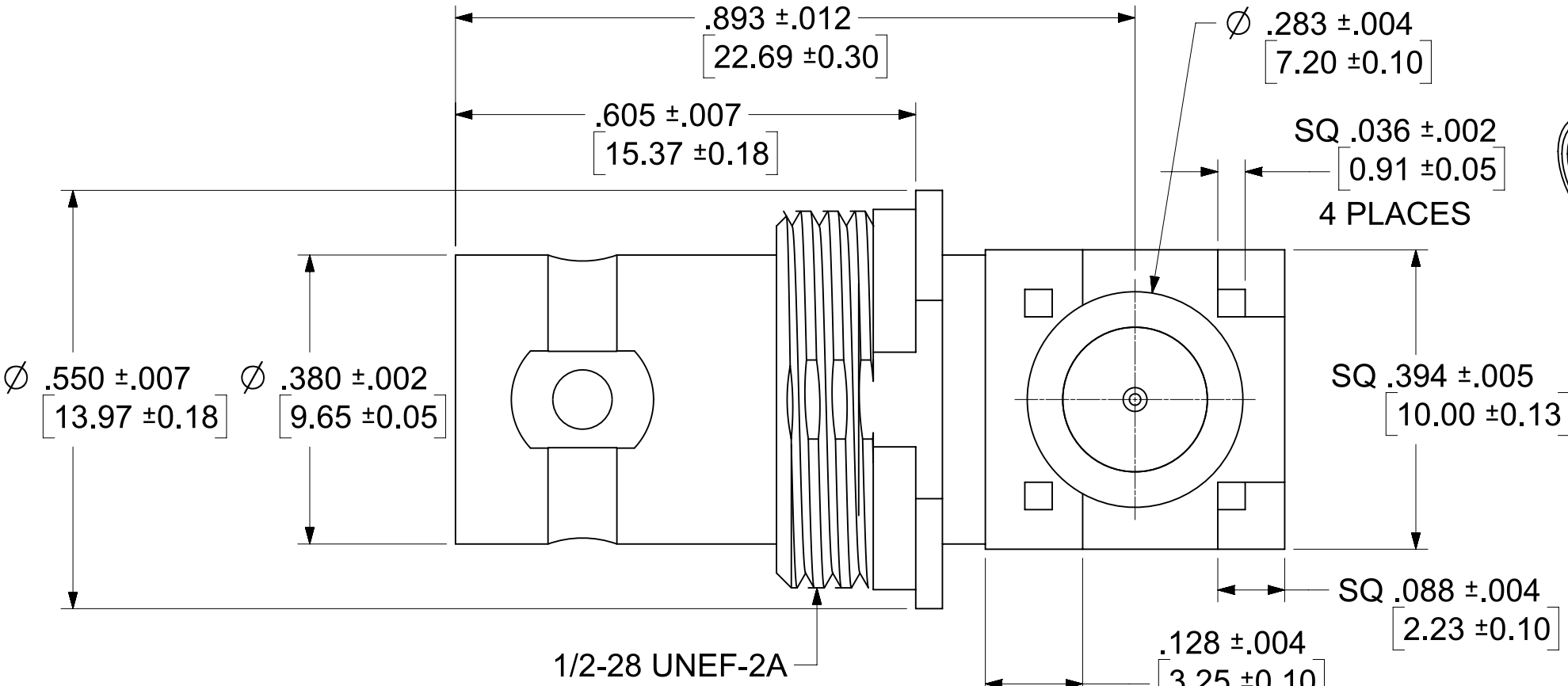
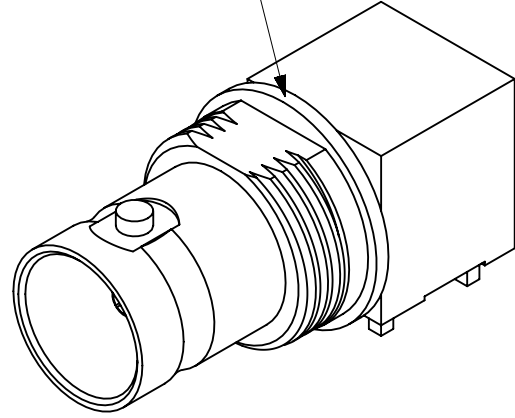
MIL-STD-348B, FIG. 330-1	INTERFACE
SPECIFICATION	DESCRIPTION



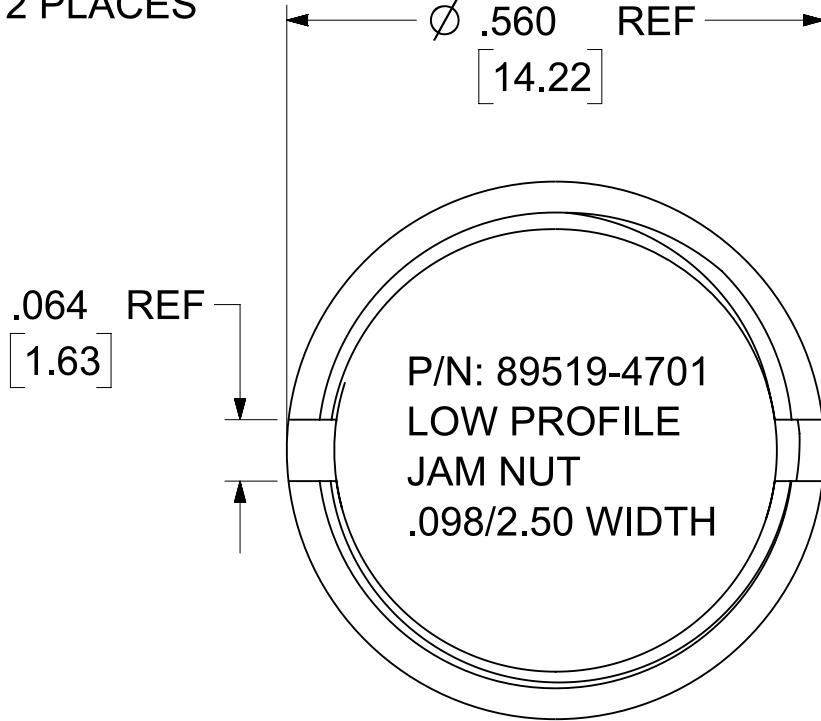
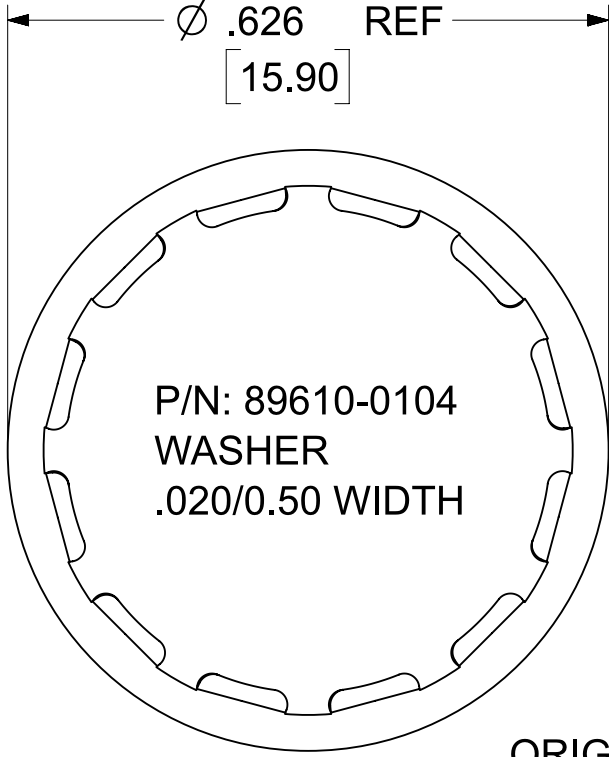
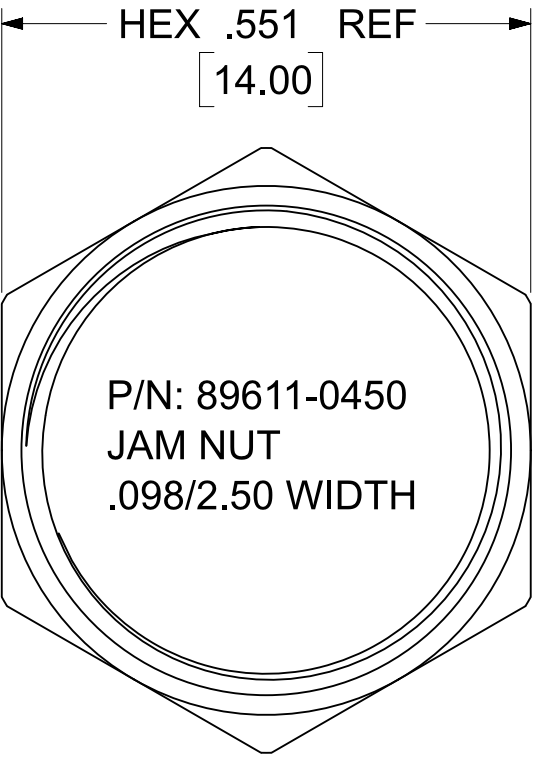
BNC JACK
INTERFACE



FLANGE



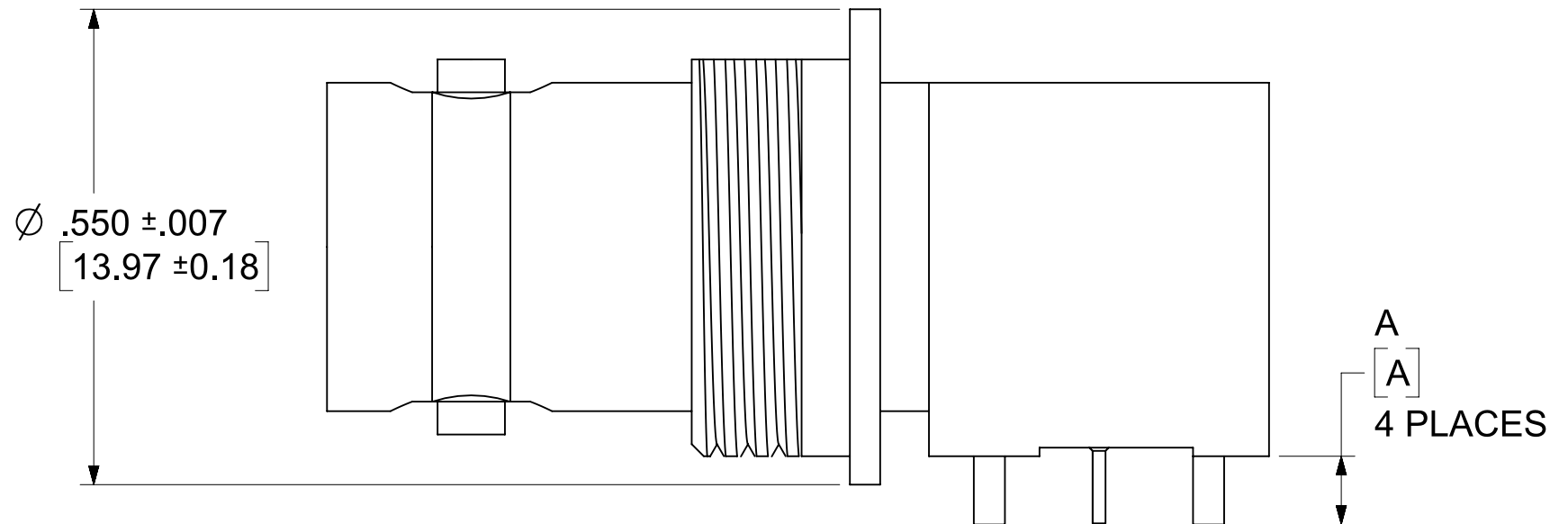
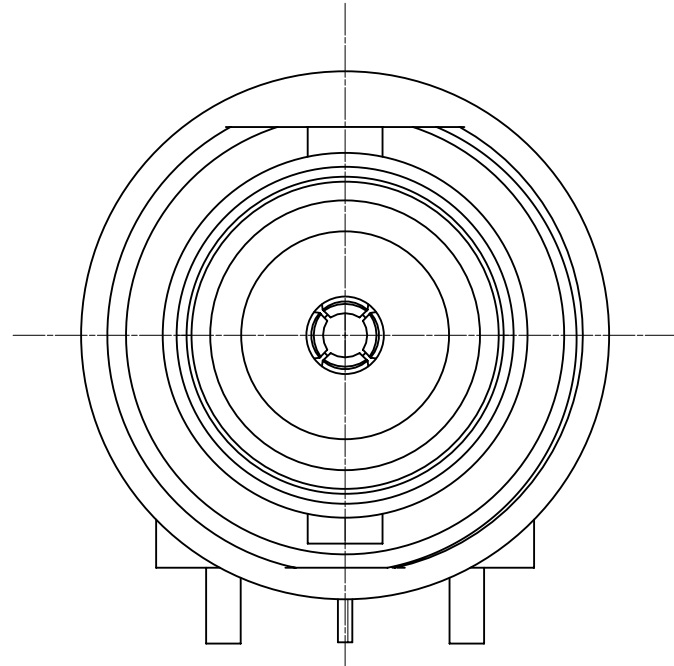
1/2-28 UNEF-2A

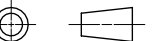


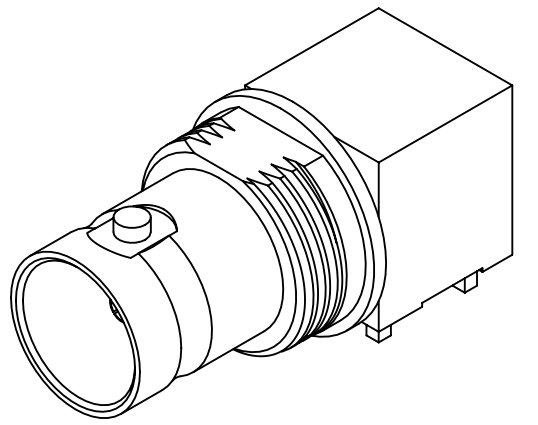
ORIGINAL BY RYEH 2015/01/28

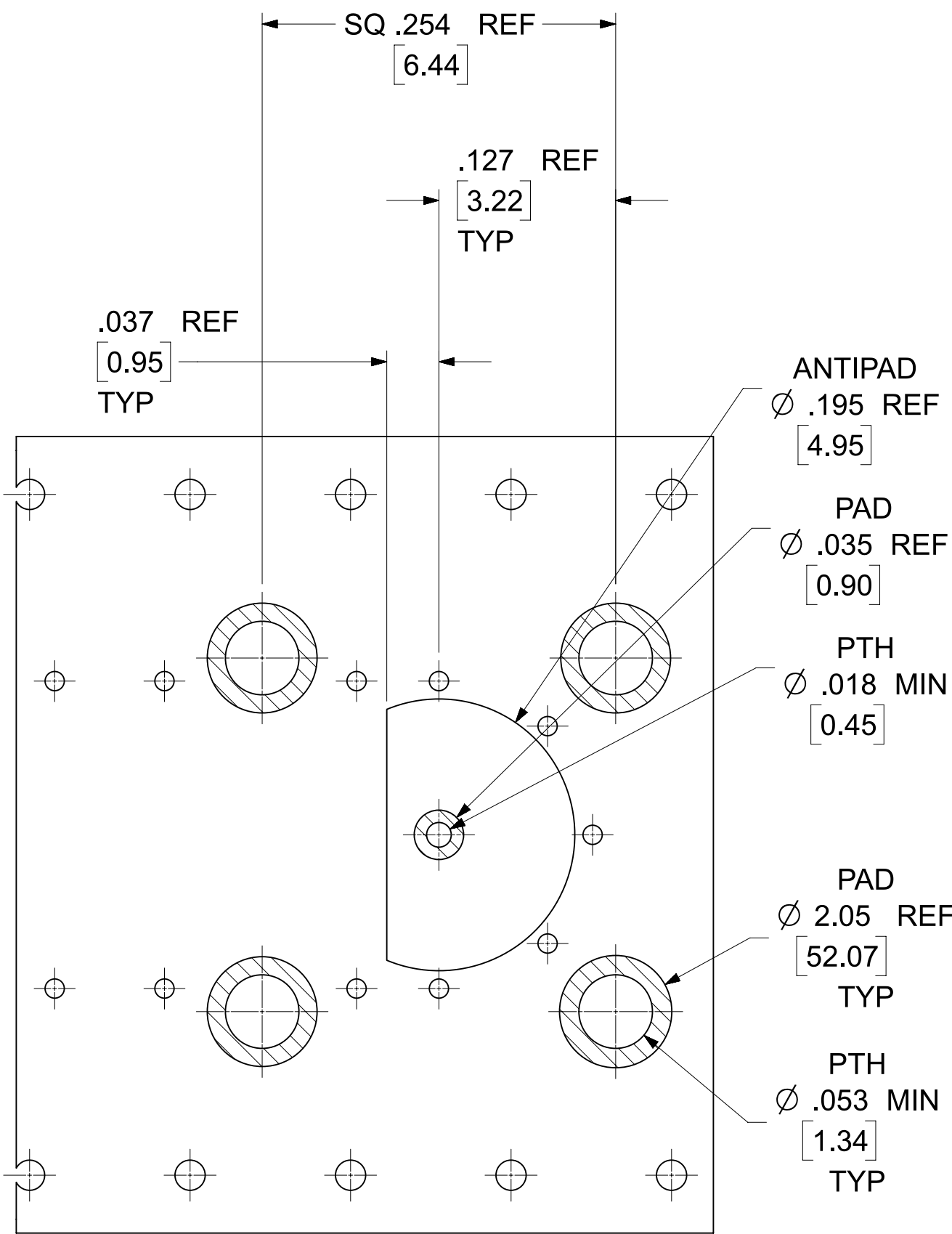
FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																													
FA = 0 FE = 0 FP = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD PN 73171-6619 PER EWR17244-A																									
		HYBRID		NTS		molex BNC JACK R/A PCB TH 75 OHMS DC-12GHZ BNC-J/PCB PRODUCT CUSTOMER DRAWING <table><tr><td colspan="4">DOCUMENT NUMBER</td><td colspan="2">DOC TYPE</td><td colspan="2">DOC PART</td><td colspan="2">REVISION</td></tr><tr><td colspan="4">SD-73171-661</td><td colspan="2">PSD</td><td colspan="2">001</td><td colspan="2">C4</td></tr></table>						DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION		SD-73171-661				PSD		001		C4	
		DOCUMENT NUMBER										DOC TYPE		DOC PART		REVISION															
		SD-73171-661										PSD		001		C4															
GENERAL TOLERANCES (UNLESS SPECIFIED)																															
ANGULAR TOL		±		2°		STATUS: Production DRWN: Cela Wei 2025-06-03 CHK'D: Kerrie Chen 2025-06-17 APPR: YCHENG 2025-06-17																									
4 PLACES		±																													
3 PLACES		±																													
2 PLACES		±																													
1 PLACE		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																											
0 PLACES		±																													
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER																			
				C-SIZE		73171		SEE TABLE		GENERAL MARKET		1 OF 6																			

73171-6615			NOT INCLUDE	NOT INCLUDE	
73171-6614	.079±.007	2.01±0.18	89519-4701	89610-0104	TRAY
73171-6613			89611-0450		
PART NO.	IN	MM	JAM NUT	WASHER	PACKAGING
	DIM A				

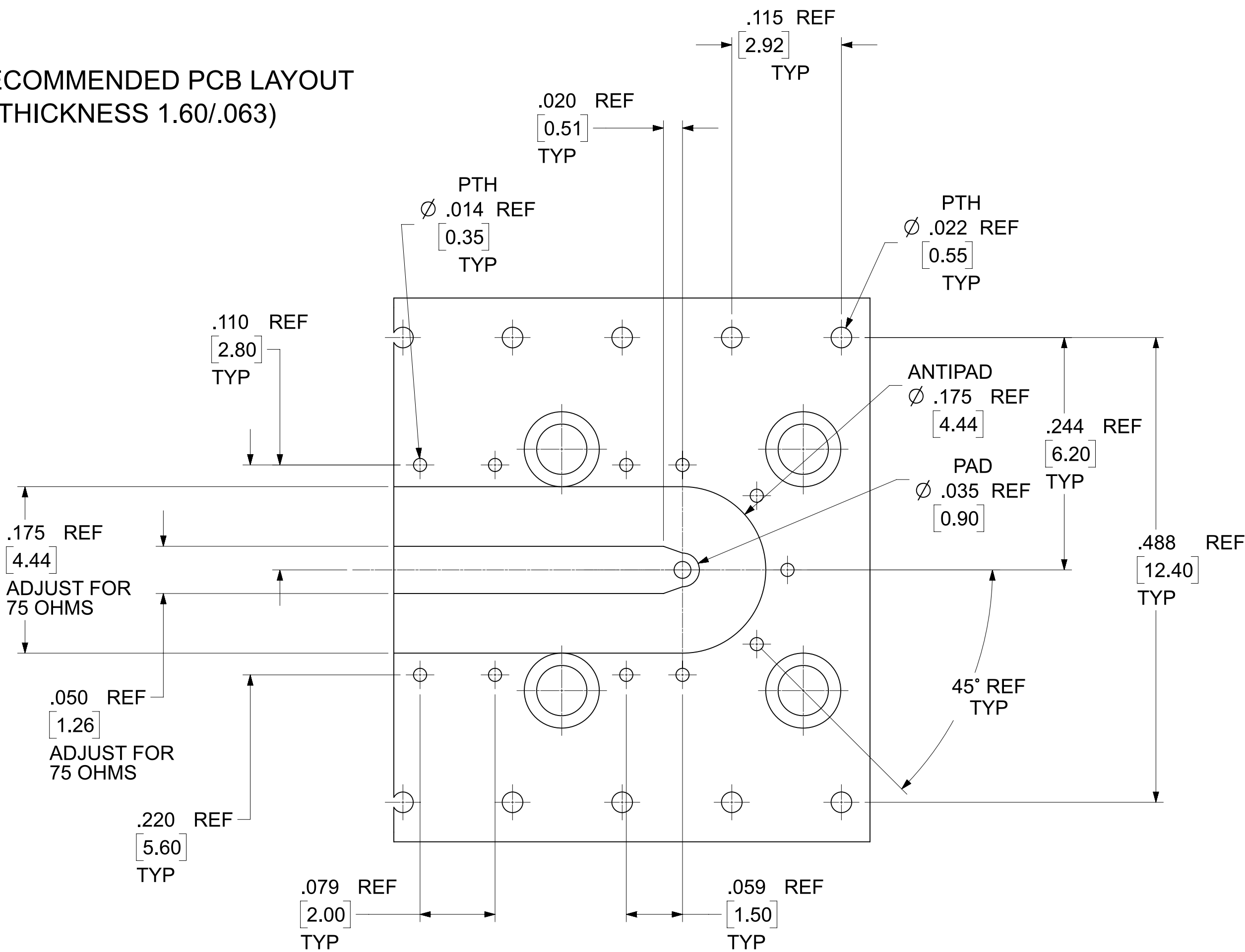


FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD PN 73171-6619 PER EWR17244-A								
$\frac{F}{A} = 0$	HYBRID	NTS											
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)												
$\frac{F}{D} = 0$	ANGULAR TOL ± 2°												
DIVISIONAL SYMBOLS	4 PLACES		±				STATUS: Production DRWN: Cela Wei CHK'D: Kerrie Chen APPR: YCHENG	2025-06-03	2025-06-17	2025-06-17	PRODUCT CUSTOMER DRAWING		
	3 PLACES		±										
	2 PLACES		±										
	1 PLACE		±										
	0 PLACES		±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				C-SIZE		73171		SEE TABLE		GENERAL MARKET		2 OF 6	

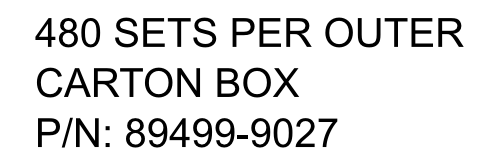
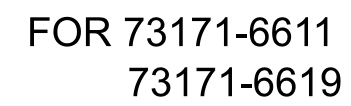
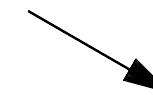
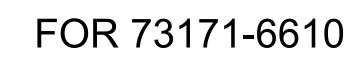
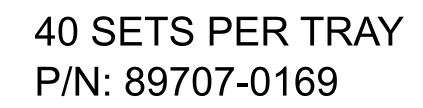
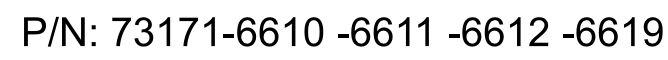




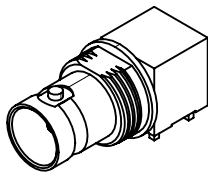
RECOMMENDED PCB LAYOUT
(THICKNESS 1.60/.063)



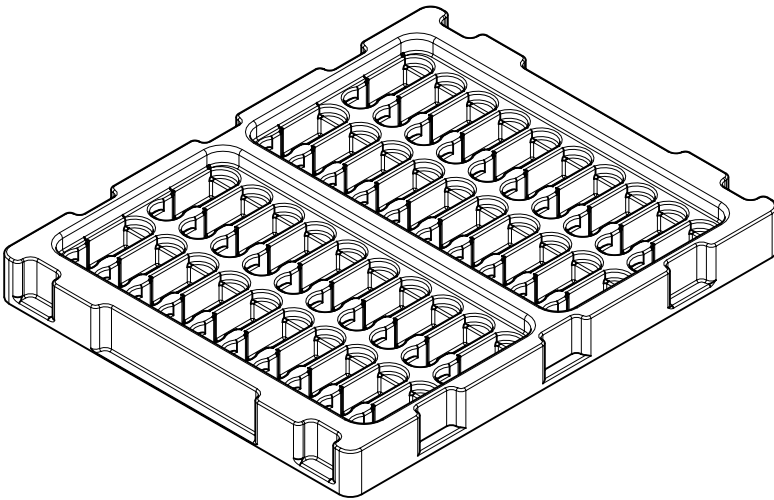
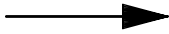
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
FUNCTIONAL SYMBOLS F A = 0 F C = 0 F P = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD PN 73171-6619 PER EWR17244-A				molex BNC JACK R/A PCB TH 75 OHMS DC-12GHZ BNC-J/PCB									
	HYBRID		NTS															
	GENERAL TOLERANCES (UNLESS SPECIFIED)								STATUS: Production DRWN: Cela Wei2025-06-03 CHK'D: Kerrie Chen2025-06-17 APPR: YCHENG2025-06-17									
	ANGULAR TOL ± 2°																	
	4 PLACES		±															
3 PLACES		±																
DIVISIONAL SYMBOLS	2 PLACES		±		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBERSD-73171-661 DOC TYPEPSD DOC PART001 REVISIONC4													
	1 PLACE		±															
	0 PLACES		±															
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION						DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
									C-SIZE		73171		SEE TABLE		GENERAL MARKET		3 OF 6	



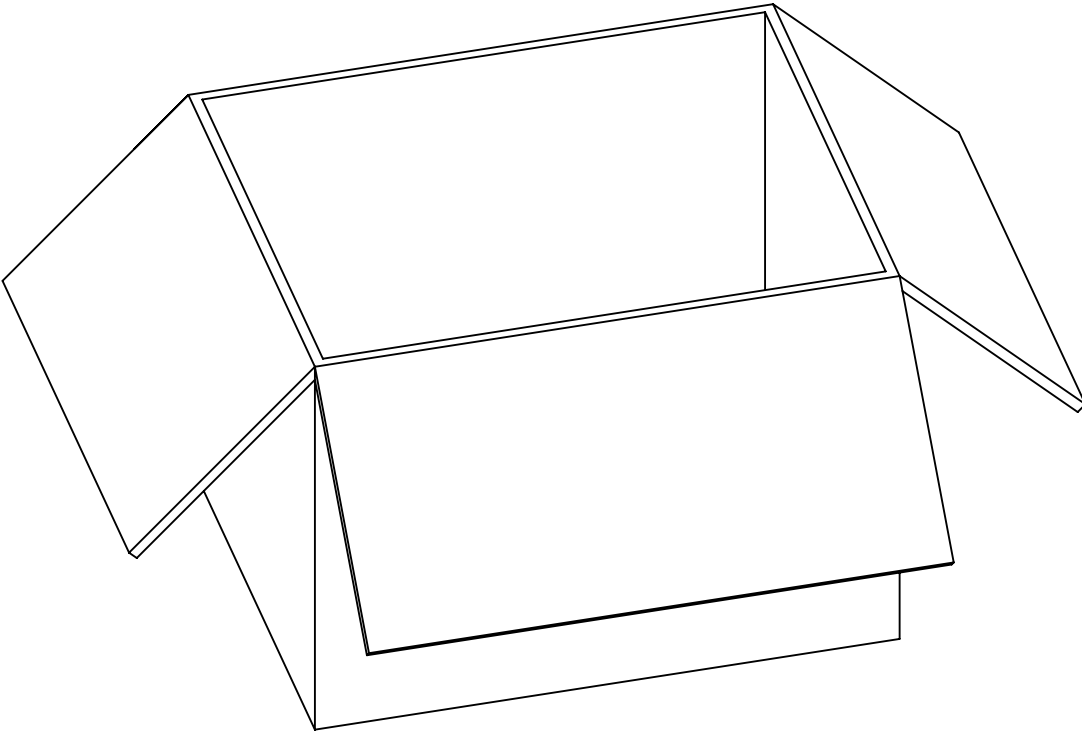
FORMAT: TC-4b-prod-C



P/N: 73171-6613 -6614 -6615

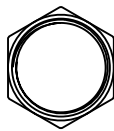


40 SETS PER TRAY
P/N: 89707-0169

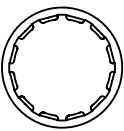


480 SETS PER OUTER
CARTON BOX
P/N: 89499-9027

73171-6615	NOT INCLUDE	NOT INCLUDE	TRAY	480	480
73171-6614	89519-4701	89610-0104		480	480
73171-6613	89611-0450			480	480
PART NO.	JAM NUT	WASHER	PACKAGING	DU	MOQ



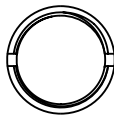
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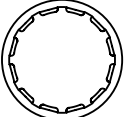
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480 SETS PER BAG
P/N: 89707-0001

480 SETS PER BAG
P/N: 89707-0001



P/N: 89519-4701



P/N: 89610-0104

480 SETS PER BAG
P/N:89707-0001

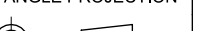
480 SETS PER BAG
P/N:89707-0001

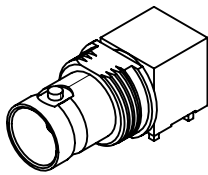
FOR 73171-6613



FOR 73171-6614

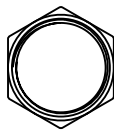


FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
		DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD PN 73171-6619 PER EWR17244-A											
		HYBRID		NTS													
		GENERAL TOLERANCES (UNLESS SPECIFIED)															
DIVISIONAL SYMBOLS		ANGULAR TOL ± 2°				STATUS: Production DRWN: Cela Wei 2025-06-03 CHK'D: Kerrie Chen 2025-06-17 APPR: YCHENG 2025-06-17											
		4 PLACES		±													
		3 PLACES		±													
		2 PLACES		±													
		1 PLACE		±													
		0 PLACES		±													
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								C-SIZE		73171		SEE TABLE		GENERAL MARKET		5 OF 6	

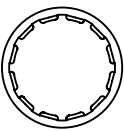


P/N: 73171-6616 -6617 -6618

73171-6618	NOT INCLUDE	NOT INCLUDE	TRAY	480	480
73171-6617	89519-4701	89610-0104		480	480
73171-6616	89611-0450			480	480
PART NO.	JAM NUT	WASHER	PACKAGING	DU	MOQ



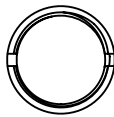
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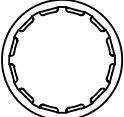
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480 SETS PER BAG
P/N: 89707-0001

480 SETS PER BAG
P/N: 89707-0001



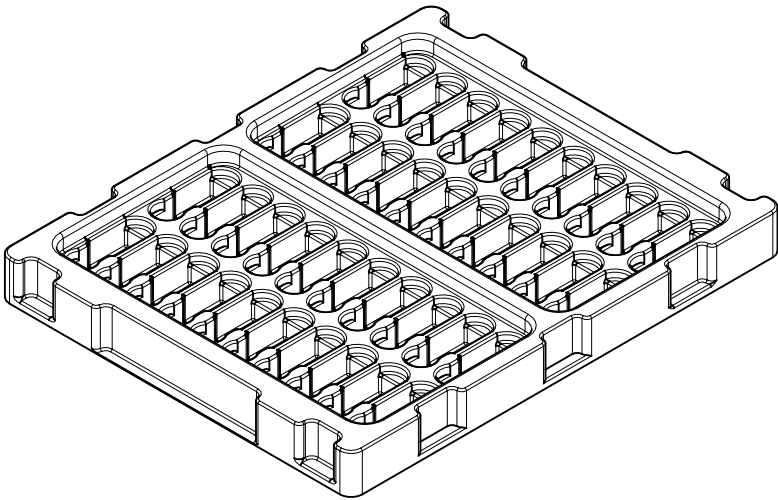
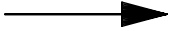
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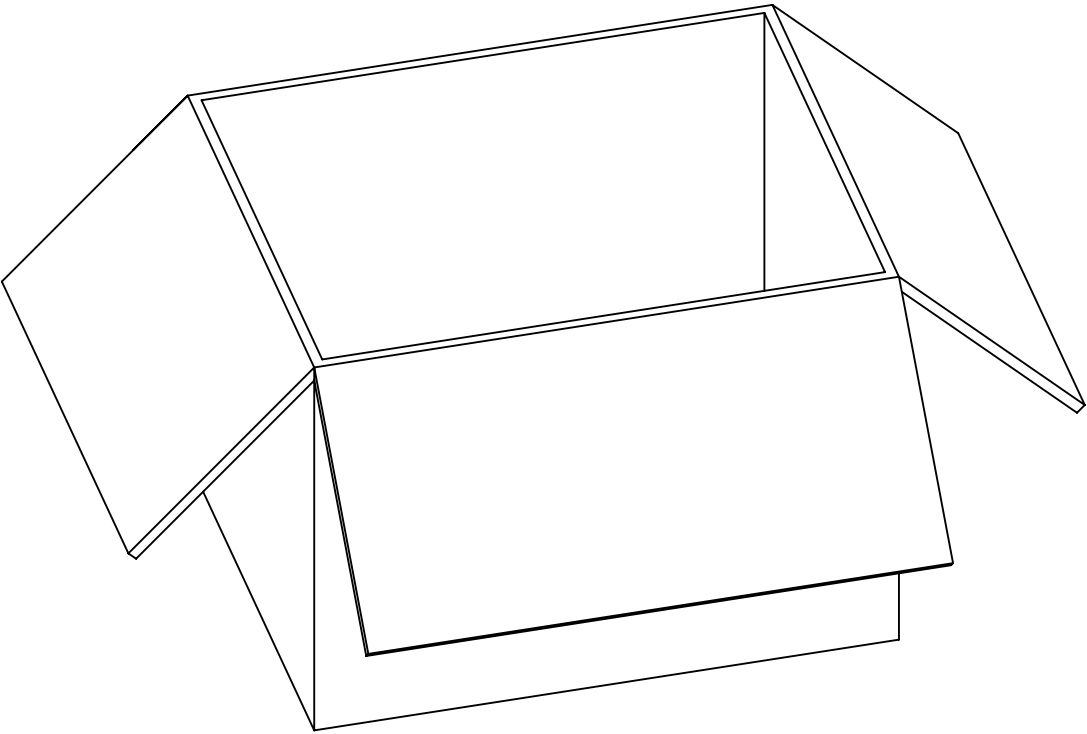
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480 SETS PER BAG
P/N:89707-0001

480 SETS PER BAG
P/N:89707-0001



40 SETS PER TRAY
P/N: 89707-0169

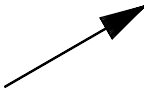


480 SETS PER OUTER
CARTON BOX
P/N: 89499-9027

FOR 73171-6616



FOR 73171-6617



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: ADD PN 73171-6619 PER EWR17244-A																	
		HYBRID		NTS		STATUS: Production DRWN: Cela Wei CHK'D: Kerrie Chen APPR: YCHENG 2025-06-03 2025-06-17 2025-06-17																	
		GENERAL TOLERANCES (UNLESS SPECIFIED)																					
ANGULAR TOL ± 2°																							
4 PLACES		±																					
3 PLACES		±																					
DIVISIONAL SYMBOLS		2 PLACES		±		PRODUCT CUSTOMER DRAWING																	
		1 PLACE		±																			
		0 PLACES		±																			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION								DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
												C-SIZE		73171		SD-73171-661		PSD		001		C4	
								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER											
								SEE TABLE		GENERAL MARKET		6 OF 6											

molex

BNC JACK R/A PCB TH
75 OHMS DC-12GHZ BNC-J/PCB

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-73171-661	PSD	001	C4