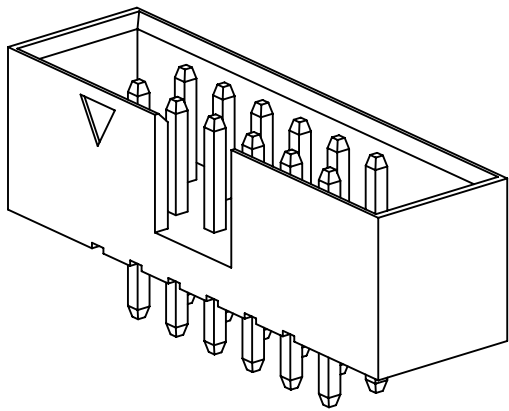
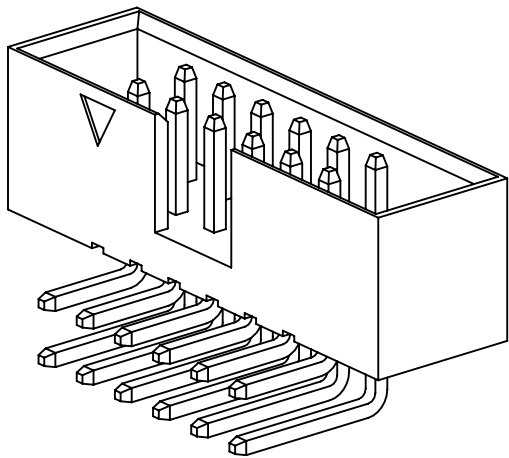


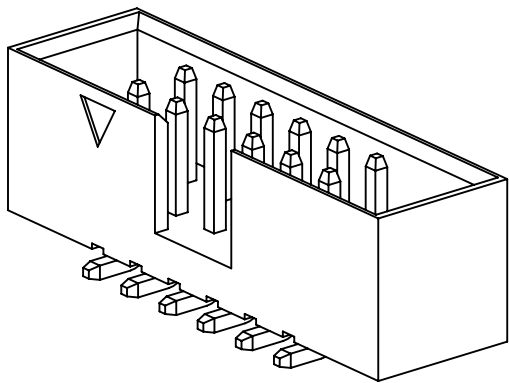
3M™ BOX HEADER, 957 SERIES  
2MM X 2MM, STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



DUAL ROW  
STRAIGHT  
VERSION



DUAL ROW  
RIGHT ANGLE  
VERSION



DUAL ROW  
SURFACE MOUNT  
VERSION

3M™ ELECTRONICS MATERIALS SOLUTIONS DIVISION  
INTERCONNECT SOLUTIONS  
<http://www.3mconnectors.com>

3M IS A TRADEMARK OF 3M COMPANY.  
FOR TECHNICAL, SALES OR ORDERING  
INFORMATION CALL 800-225-5373

- 2 PHYSICAL :
- INSULATOR: HIGH TEMP THERMOPLASTIC
  - MATERIAL: UL94V-0
  - FLAMMABILITY: BLACK
  - COLOR: BLACK
  - CONTACT: COPPER ALLOY
  - MATERIAL: PLATING
  - UNDER PLATING: 50-100µ" [ 1.27-2.54µm ] NICKEL-OVERALL
  - WIPING AREA: GOLD FLASH
  - SOLDER TAILS: 40-118µ" [ 1-3µm ] MATTE TIN

- 2 ELECTRICAL :
- CURRENT RATING: 2A
  - CONTACT RESISTANCE: ≤20 mΩ
  - INSULATION RESISTANCE: ≥1000 MΩ
  - WITHSTANDING VOLTAGE: 500 Vr.m.s, 1mA, 60s

- 2 MECHANICAL :
- RETENTION FORCE: ≥ 4.5N PER PIN

- 2 ENVIRONMENTAL :
- TEMPERATURE RATING: -40°C TO 125°C <sup>1</sup>
  - HUMIDITY: ≤93% AT 40°C
  - RESISTANCE TO SOLDERING HEAT: 260°C±5°C, 10s

MM [ INCH ]			
TOLERANCE - UNLESS NOTED			
	X.	.X	.XX
MM	±.5	±.20	
[ INCH ]	±.02	±.008	
[ ] = DIM. FOR REFERENCE ONLY			

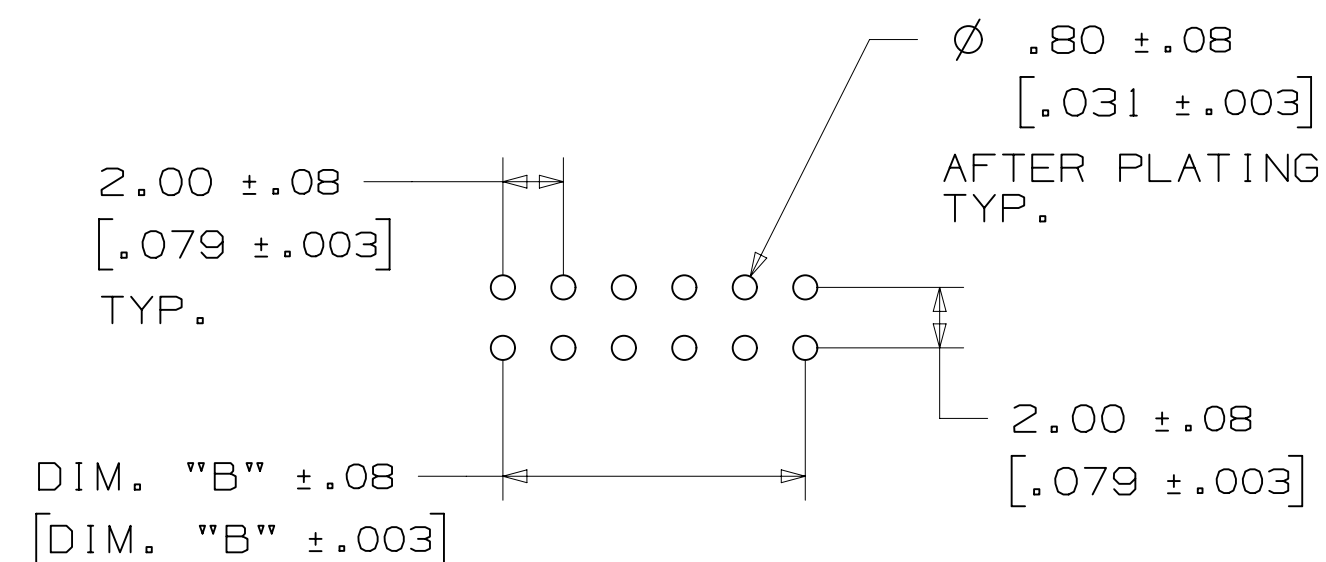
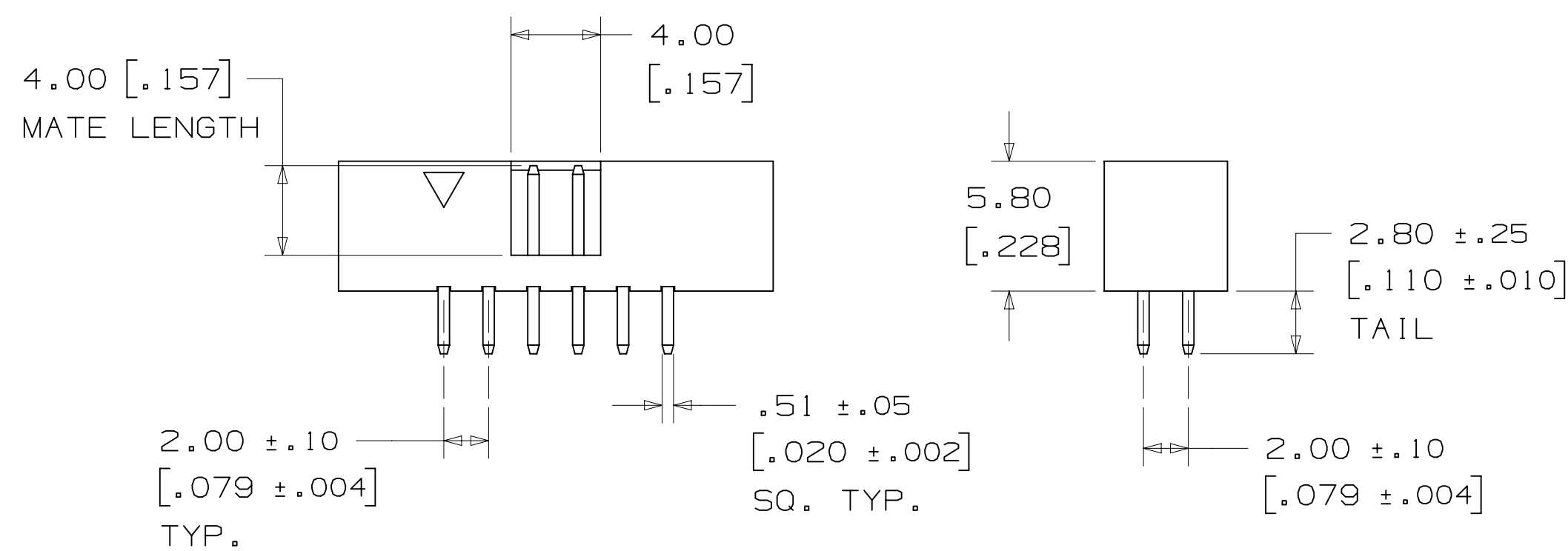
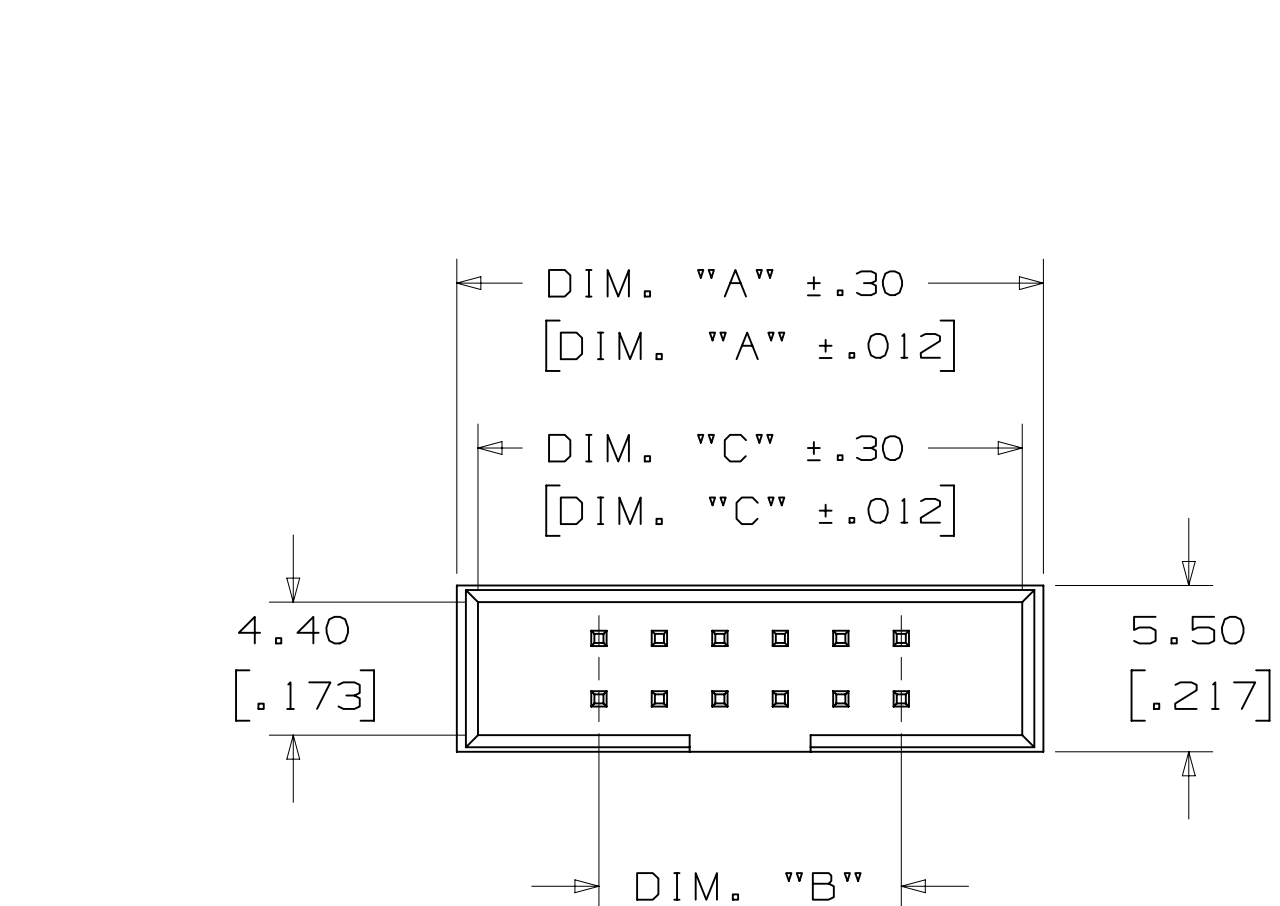
DIMENSIONS: INCH [ MM ]  
[ MM ] FOR REF. ONLY

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD							
CODES		CAST	IGL	ONE	MAY 14, 2015								
DIVISION	DIVISION CODE	CHKD	DATE	APPRV	DATE	DATE							
	EMSD			T. SUNIGA	MAY 14, 2015								
DO NOT SCALE DRAWING	SCALE 4 1	TOLERANCES EXCEPT AS NOTED	INCHES										
			THIRD ANGLE PROJECTION										
			INTERPRET PER ASME Y14.5 - 2009										
			MAX SURFACE ROUGHNESS										
			SURFACES										
			MARKED ONLY										
			ANGLES										
TITLE		BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT											
CAGE NUMBER		SIZE	DRAWING NO.	REV.									
D		78-5100-2656-6	B										
MODEL		9572	DET										
		LISTS											
		YES											
		NO											
		SHT 1 OF 4											

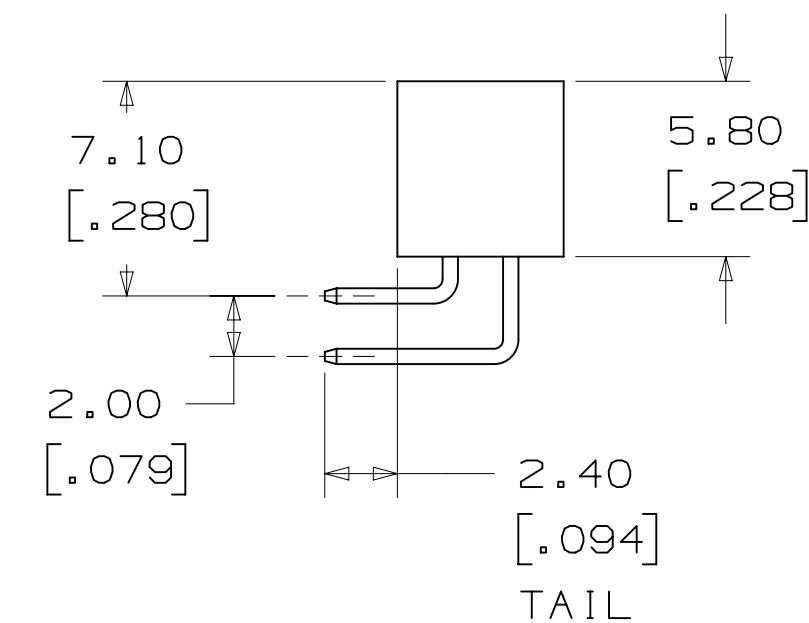
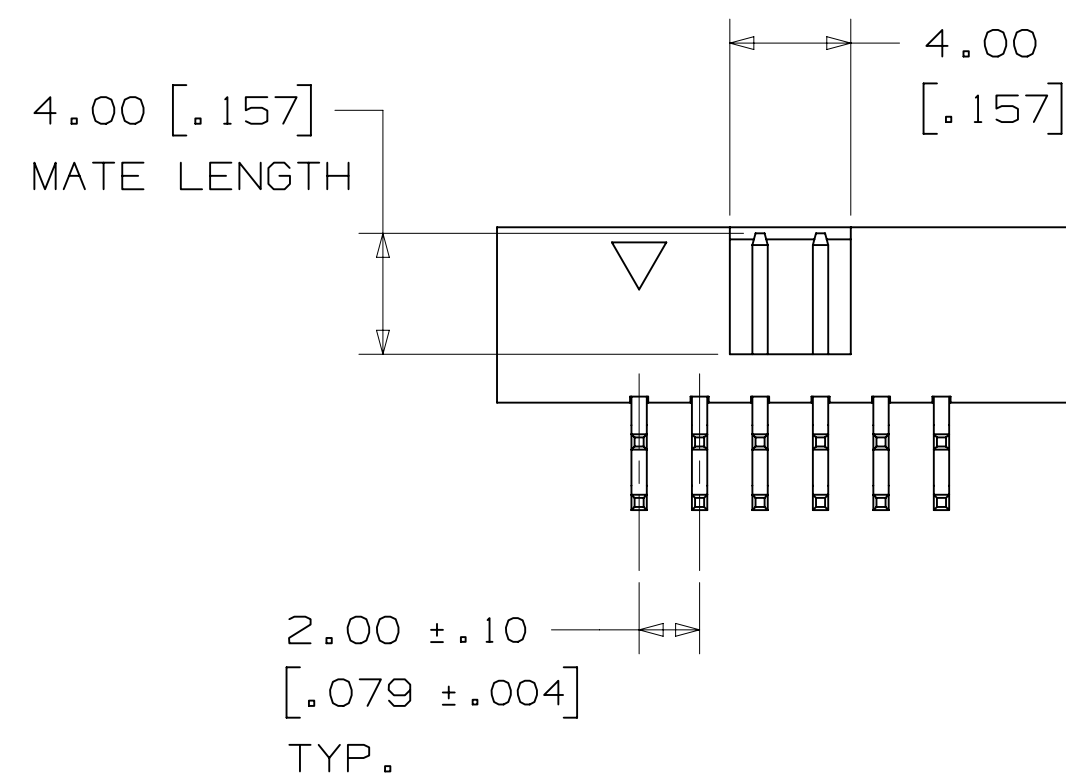
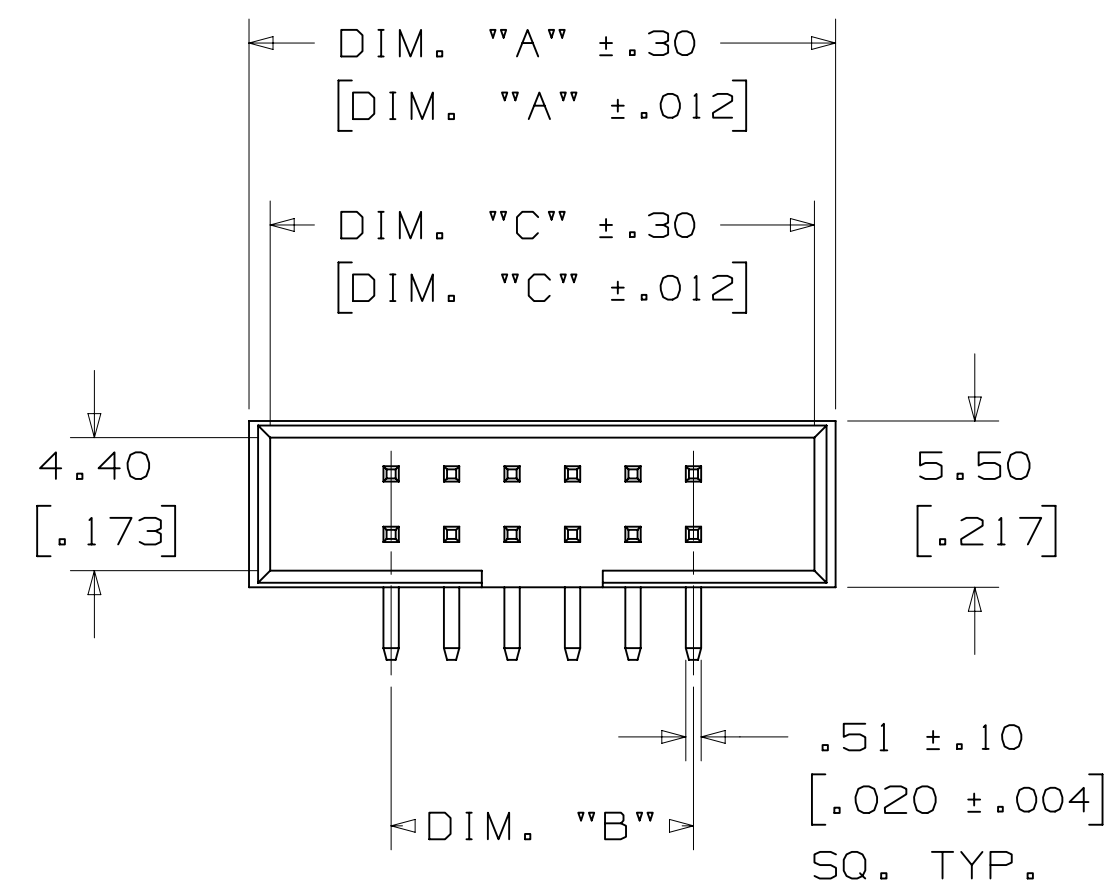
1. REGULATORY INFORMATION: ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF [WWW.3MCONNECTORS.COM](http://WWW.3MCONNECTORS.COM) FOR COMPLIANCE INFORMATION.
2. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
3. N = THE NUMBER OF POSITIONS.

## 3M™ BOX HEADER, 957 SERIES

2MM X 2MM, STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



RECOMMENDED PC BOARD LAYOUT  
(VIEWED FROM CONNECTOR SIDE)



### ORDERING INFORMATION (STRAIGHT & RIGHT ANGLE ONLY)

9572XX - X002 - AR

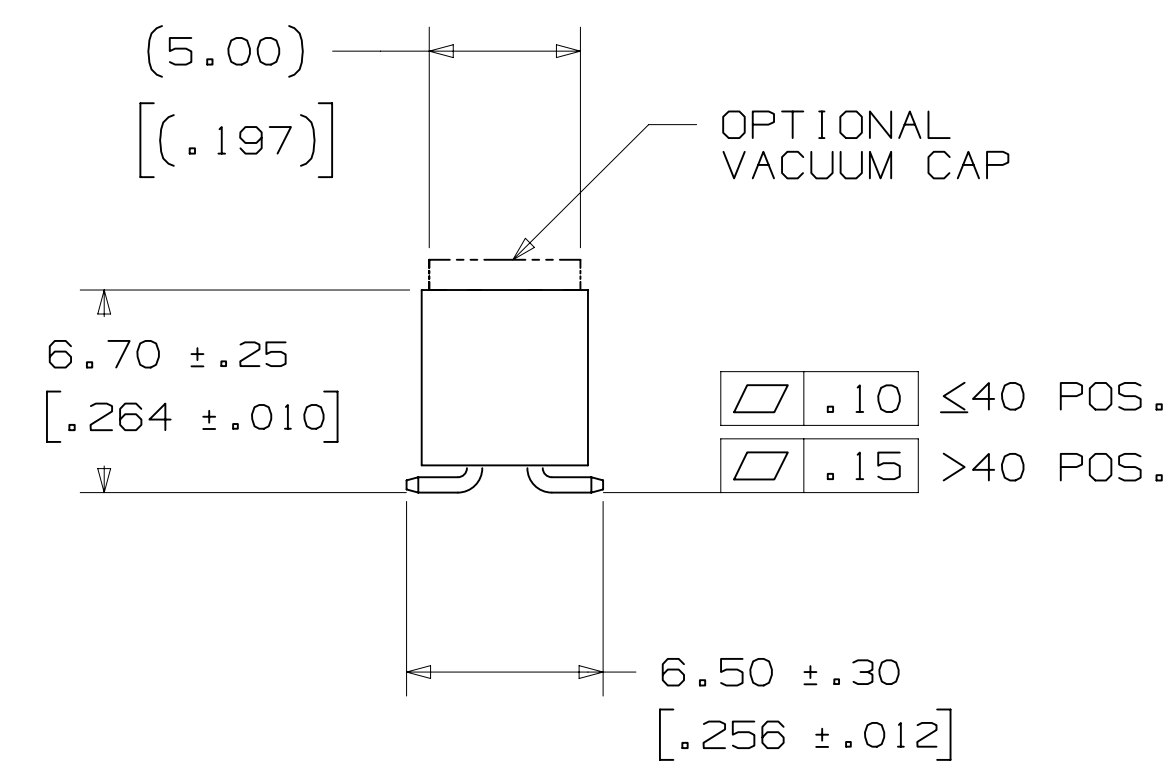
CONTACT QTY:  
06-64

- MOUNTING STYLE:  
5 = RIGHT ANGLE  
6 = STRAIGHT

TABLE 1	
DIM. "A"	.079 [ 2.00 ] X (N/2+.291 [ 7.40 ]
DIM. "B"	.079 [ 2.00 ] X (N/2-1)
DIM. "C"	.079 [ 2.00 ] X (N/2+.24 [ 6 ])
SEE NOTE 3	

B		74628		JUL 06, 2017		LDS		SC					
A		72044		FEB 02, 2017		JNC		TS					
				PRODUCTION RELEASE									
DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
ADDN CODES				DRFT CASTIGLIONE		DATE MAY 14, 2015		MFG T <sub>1</sub> SUNIGA		DATE MAY 14, 2015			
DIVISION				DIVISION CODE EMSD									
DO NOT SCALE DRAWING		SCALE 4 1		TOLERANCES EXCEPT AS NOTED									
THIRD ANGLE PROJECTION				INCHES .0 .00 .000 .0000 ±									
INTERPRET PER ASME Y14.5 - 2009				MILLIMETERS 0 .00 .000 ±									
MAX SURFACE ROUGHNESS 		MARKED ONLY		ANGLES									
						CAGE NUMBER D		SIZE DRAWING NO. 78-5100-2656-6		REV. B			
				MODEL 9572				DET. LISTS <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		SHT 2 OF 4			

2MM X 2MM, STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



9572XX-20X0-AR-XX

CONTACT QTY :  
06-64

LOCATING POST:  
0 = NONE

— PACKAGING:

TP = TUBE WITHOUT PAD

PT = TUBE WITH PAD

PR = TAPE & REEL WITH PAD  
SEE TABLE 2

TABLE 2

---


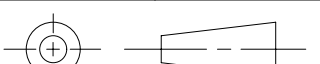
TAPE & REEL OPTIONS

CONTACT QTY.	10-12	14-24	26-34	40-50	60-68
TAPE WIDTH [MM]	32	44	56	72	88

TABLE 1

DIM. "A"	.079 [ 2.00 ] X (N/2+.291 [ 7.40 ])
DIM. "B"	.079 [ 2.00 ] X (N/2-1)
DIM. "C"	.079 [ 2.00 ] X (N/2+.24 [ 6 ])

SEE NOTE 3

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRAFT	CHKD
ADDRESS CODES				PART CASTIGLIONE		DATE MAY 14, 2015		MFG	DATE
				CHKD	DATE	APPROV. T. SUNIGA		DATE MAY 14, 2015	
DIVISION		DIVISION CODE		EMSD		© 3M COPYRIGHT 2017			
DO NOT SCALE DRAWING		SCALE 4 1		TOLERANCES EXCEPT AS NOTED		 <p>3M Center St. Paul, MN 55141</p> <p>This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.</p>			
 <p>THIRD ANGLE PROJECTION</p>		<p>INCHES</p> <p>0.0</p> <p>.00</p> <p>.000 ±</p> <p>.000 ±</p>		<p>TITLE</p> <p>BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT</p>					
<p>INTERPRET PER ASME Y14.5 - 2009</p>		<p>MILLIMETERS</p> <p>0.0</p> <p>.00 ±</p> <p>.000 ±</p>		<p>CAGE NUMBER</p> <p>SIZE D</p> <p>DRAWING NO. 78-5100-2656-6</p>		<p>REV. B</p>			
<p>MAX SURFACE ROUGHNESS</p> <p>1.6</p> <p>✓</p> <p>MARKED ONLY</p>		<p>ANGLE</p>		<p>MODEL 9572</p>		<p>DET. STS. YES X NO</p>		<p>SHT 3 OF 4</p>	






Imaged: B.1 Central Standard Time7/6/2017UTC Offset

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

**Product Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer: Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

**Limitation of Liability:** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

B		74628	JUL 06, 2017		LDS	SC
A		72044	 WAS: -40C TO 105C		JNC	TS
			PRODUCTION RELEASE			
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION
ADDRESS CODES 		DRFT <b>CASTIGLIONE</b>		DATE MAY 14, 2015	MFG DATE	DATE
DIVISION		DIVISION CODE <b>EMSD</b>		APPL. <b>T, SUNIGA</b>		DATE MAY 14, 2015
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED		 © 3M COPYRIGHT 2017 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		
 THIRD ANGLE PROJECTION		INCHES .0 + 0.002 ± 0.000 ±		TITLE <b>BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT</b>		
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS 0 + 0.00 ± 0.000 ±		CAGE NUMBER <b>D</b>		DRAWING NO. <b>5100-2656-6</b>
MAX. SURFACE ROUGHNESS  ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY		ANGLES 0 + 0.00 ± 0.000 ±		SIZE <b>5100-2656-6</b>		REV. <b>B</b>
		MODEL <b>9572</b>		DET. LISTS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		SHT 4 OF 4