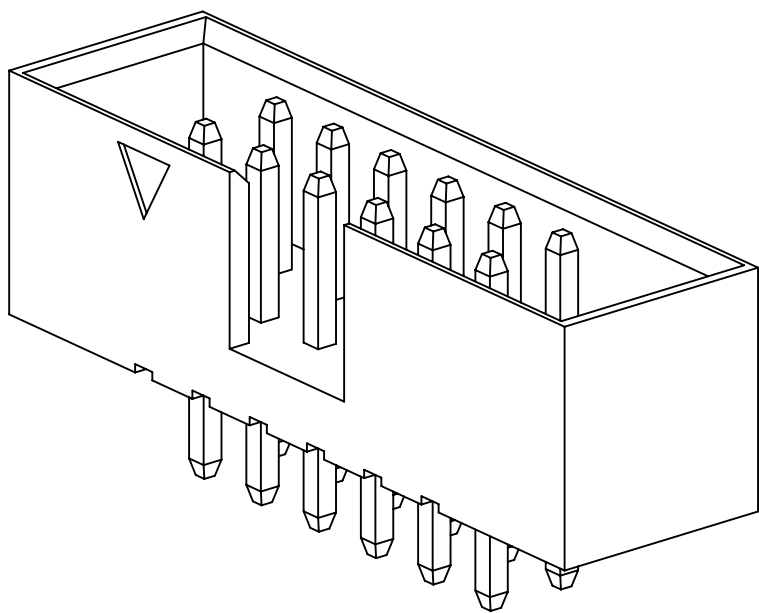
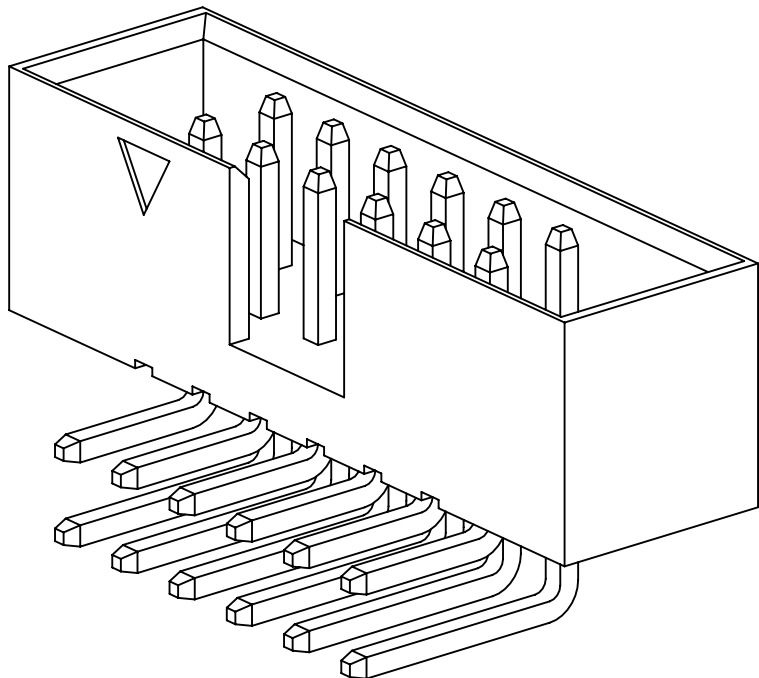


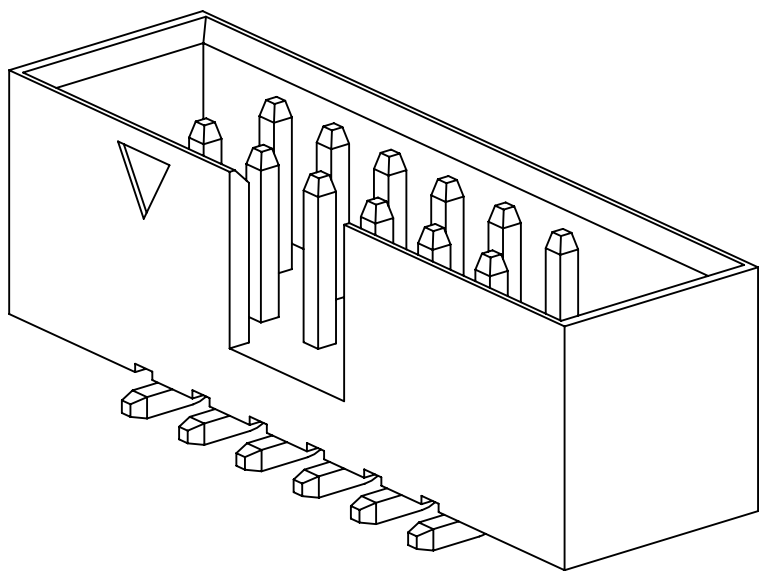
3M™ BOX HEADER, 9572 SERIES
2MM X 2MM, STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



DUAL ROW
STRAIGHT
VERSION



DUAL ROW
RIGHT ANGLE
VERSION



DUAL ROW
SURFACE MOUNT
VERSION

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INTERCONNECT SOLUTIONS
<http://www.3m.com/interconnect>

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INFORMATION CALL 800-225-5373

2 PHYSICAL :

INSULATOR: HIGH TEMP THERMOPLASTIC
MATERIAL: UL94V-0
FLAMMABILITY: COLOR: BLACK
CONTACT: MATERIAL: COPPER ALLOY
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
HUMIDITY: ≤93% AT 40°C
RESISTANCE TO SOLDERING HEAT: 260°C±5°C, 10s

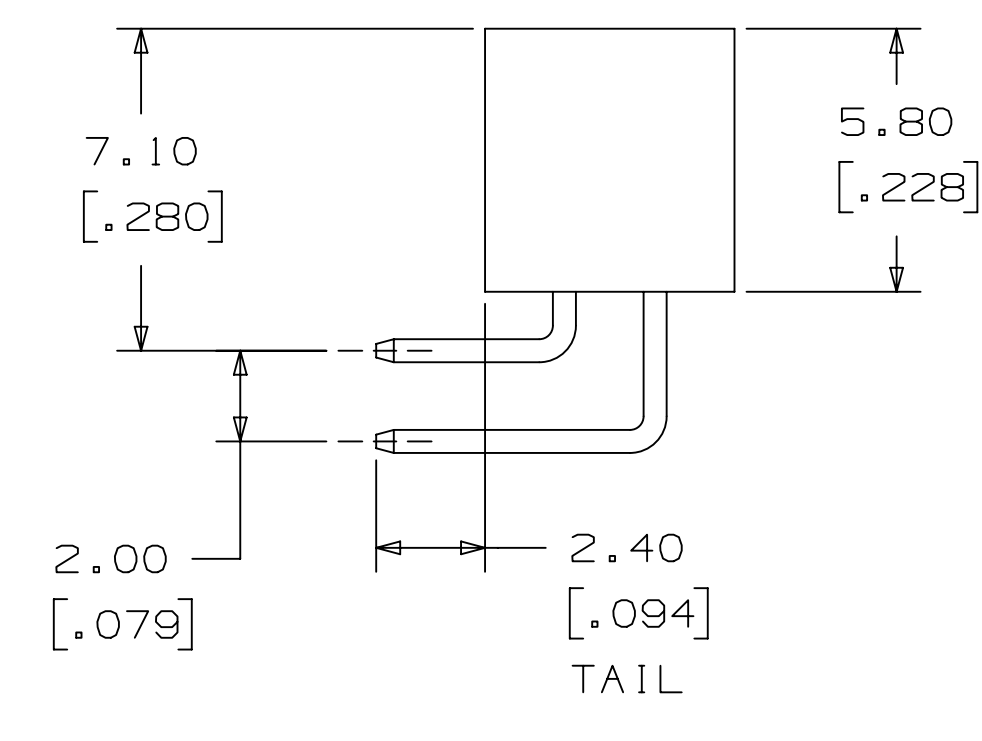
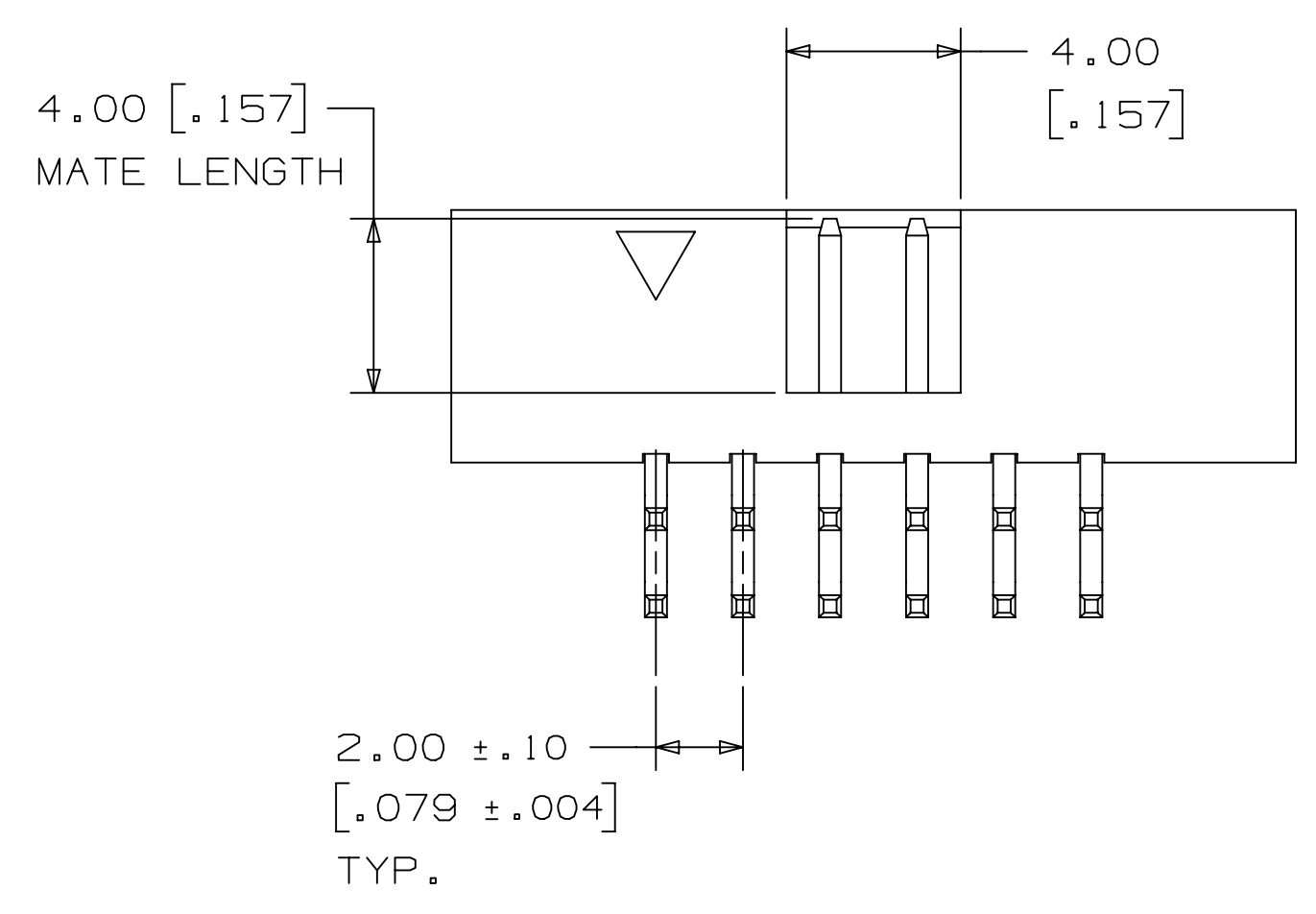
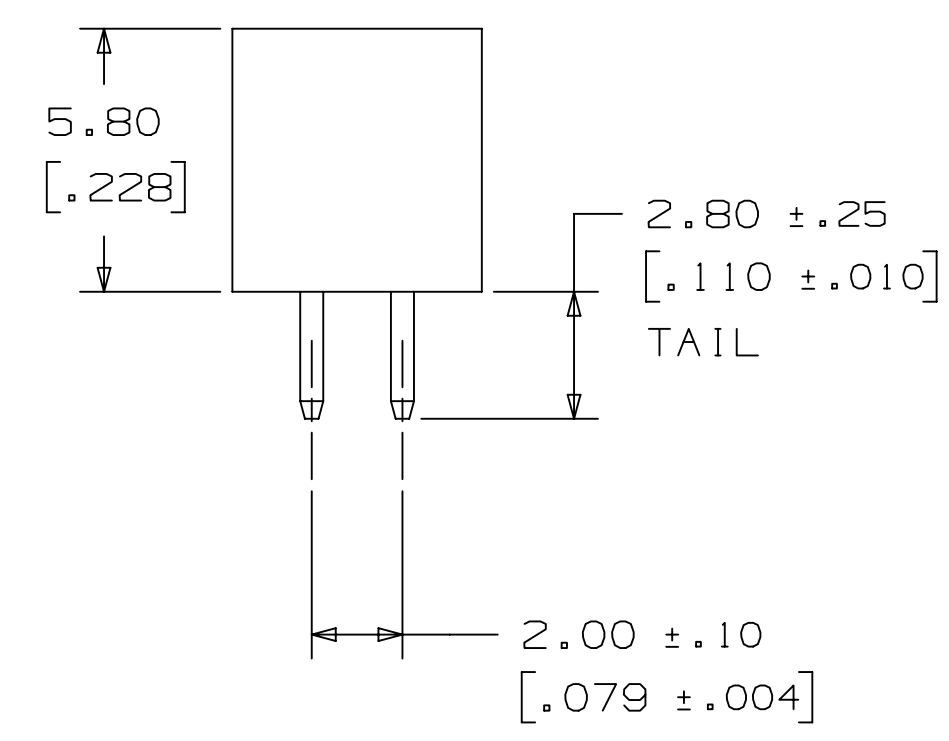
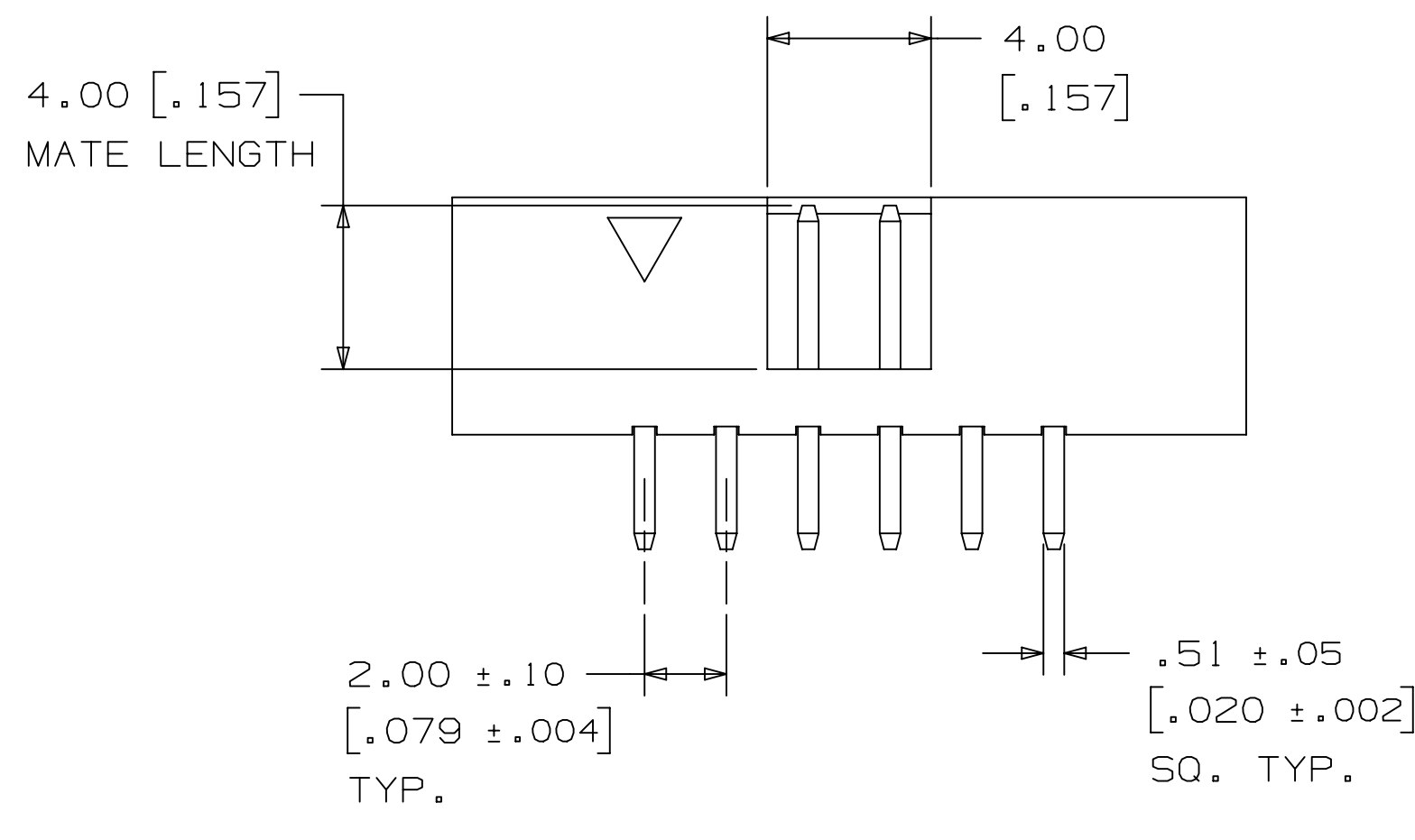
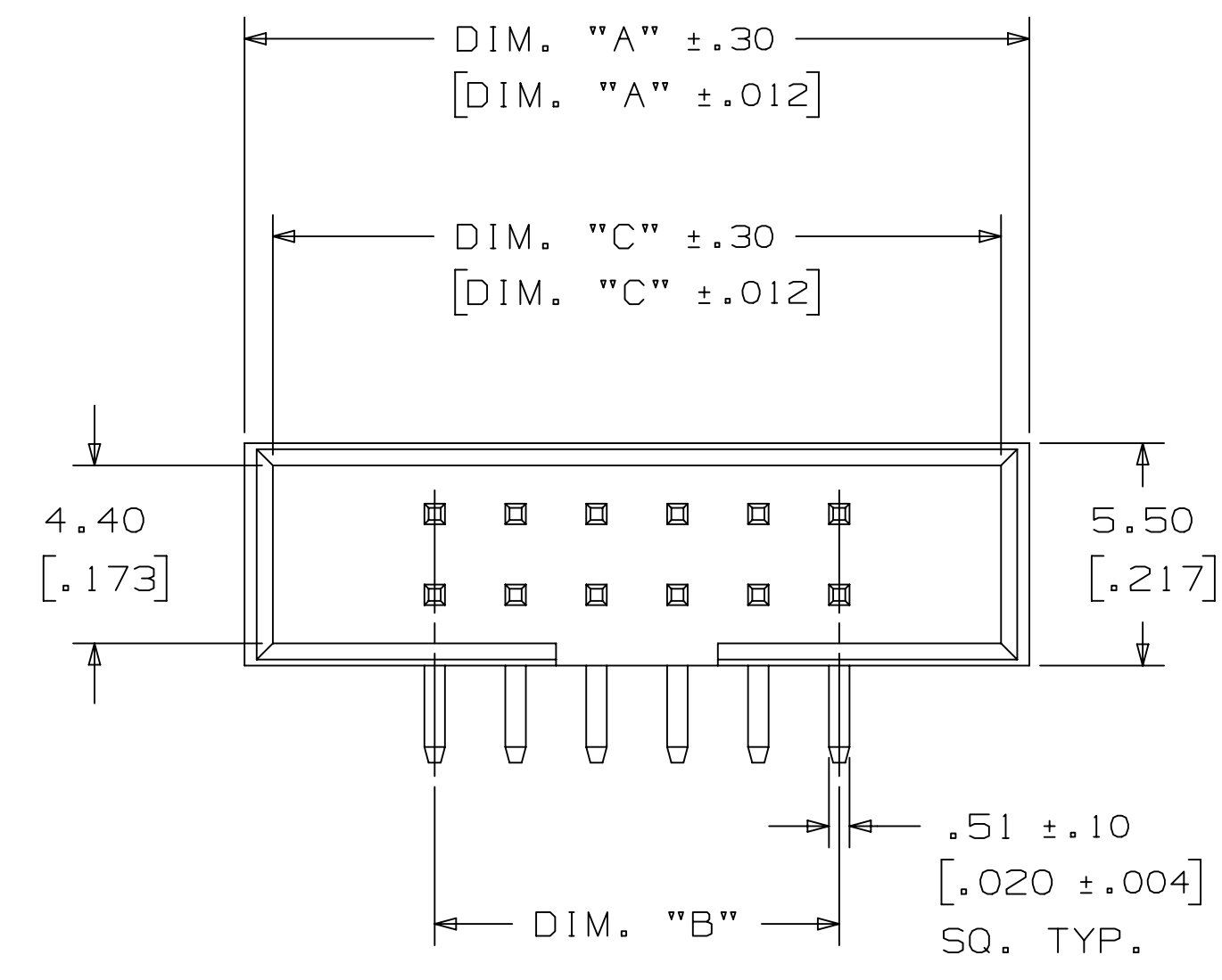
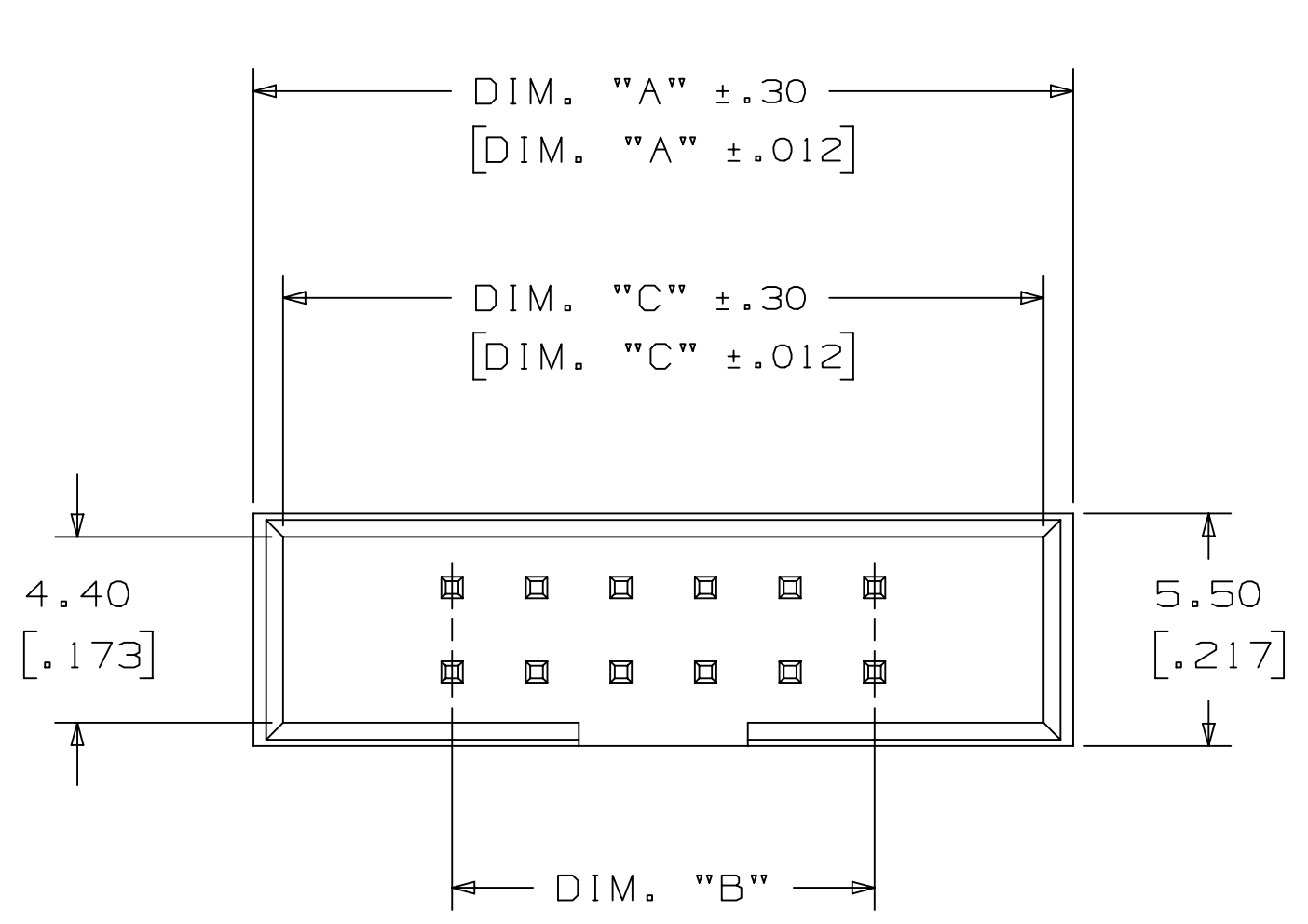
- NOTES
1. REGULATORY INFORMATION:
VISIT 3M.com/regs
 2. IN THE EVENT OF CONFLICT
BETWEEN THIS DATA AND THAT
CONTAINED IN THE PRODUCT
SPECIFICATION, THE PRODUCT
SPECIFICATION TAKES PRECEDENT.
 3. N = THE NUMBER OF POSITIONS.
 4. CONTACT YOUR 3M REPRESENTATIVE
FOR AVAILABILITY OF ADDITIONAL
CUSTOM POSITIONS.

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

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
XREFS		XREFS		DRFT	CAST	IGL	ONE	DATE	DATE
DIVISION		DIVISION CODE		CHKD	DATE	DATE	DATE	DATE	DATE
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED		INCHES			
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS		MILLIMETERS			
MAX. SURFACE ROUGHNESS		TOTAL SURFACES		MARKED ONLY		ANGLES			
TITLE		BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT		CAGE NUMBER		SIZE		DRAWING NO.	
MODEL		9572		REV.		E		SHT 1 OF 4	

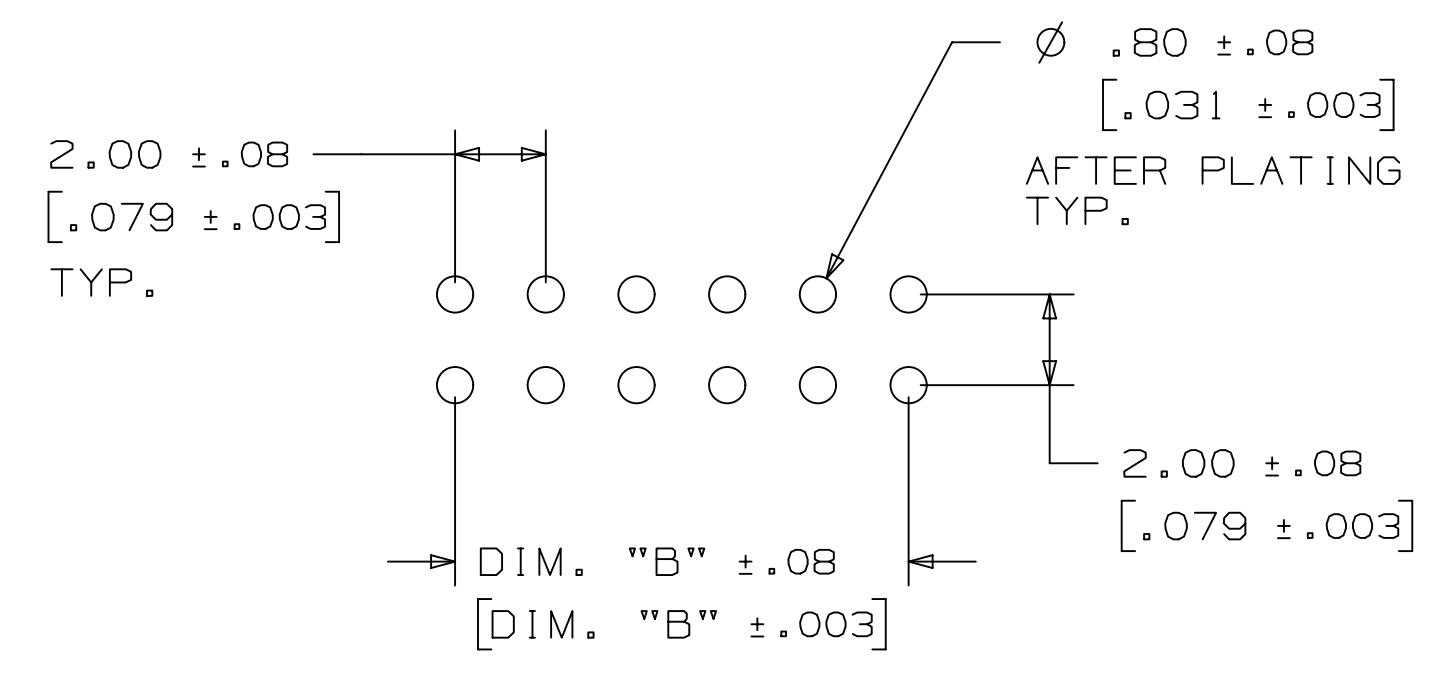
UL FILE NO: E68080

3M™ BOX HEADER, 9572 SERIES
2MM X 2MM, STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



STRAIGHT VERSION

RIGHT ANGLE VERSION



RECOMMENDED PC BOARD LAYOUT
FOR STRAIGHT AND RIGHT ANGLE VERSIONS
(VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION
(STRAIGHT & RIGHT ANGLE ONLY)
9572XX-X002-AR

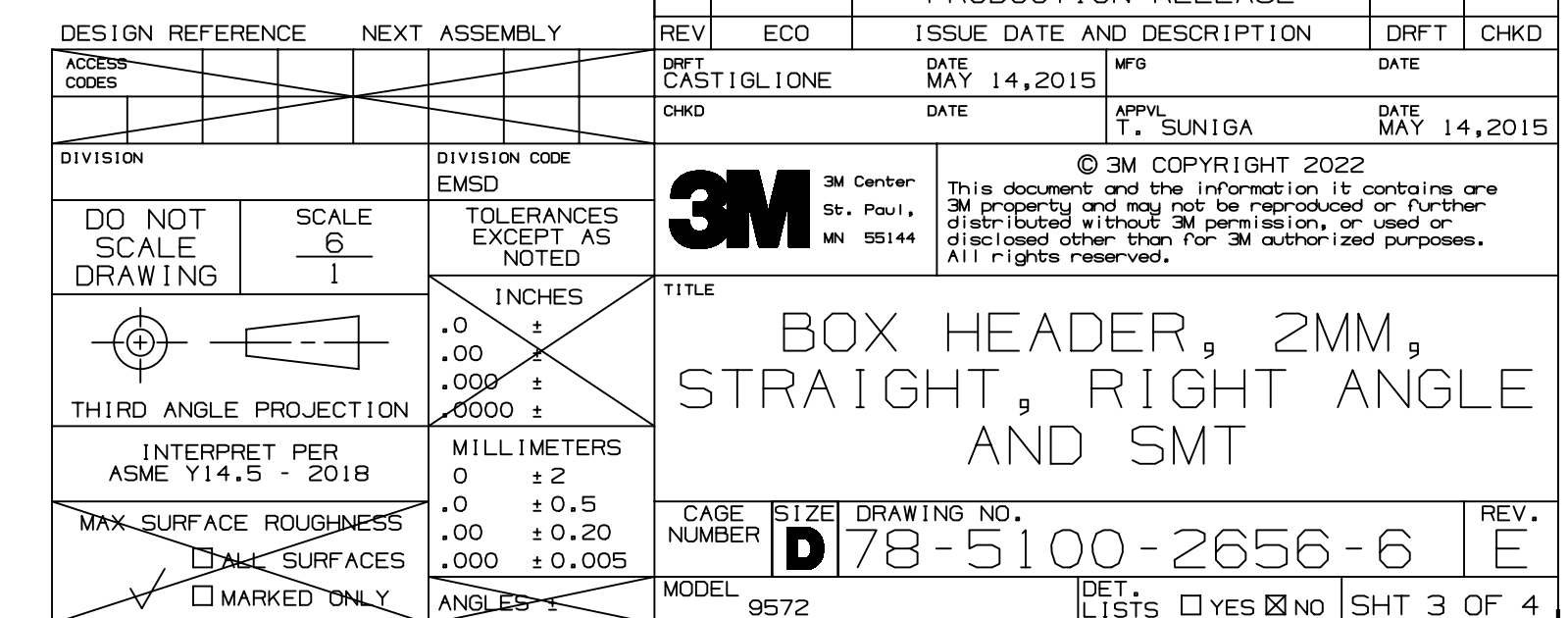
CONTACT QTY: 10-50 (SEE NOTE 4)
MOUNTING STYLE: 5 = RIGHT ANGLE, 6 = STRAIGHT

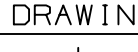
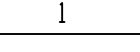
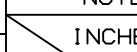
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TABLE 1 mm	
DIM. "A"	((N/2)-1) X 2.00 + 9.40
DIM. "B"	((N/2)-1) X 2.00
DIM. "C"	((N/2)-1) X 2.00 + 8.00
SEE NOTE 3	

DESIGN REFERENCE		NEXT ASSEMBLY	
DO NOT SCALE DRAWING	SCALE 6-1	TOLERANCES EXCEPT AS NOTED	INCHES
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2018	MILLIMETERS	0 ±.2, .0 ±.5, .00 ±.20, .000 ±.005
MAX. SURFACE ROUGHNESS	ALL SURFACES	MARKED ONLY	ANGLES
DIVISION		DIVISION CODE	
3M Center St. Paul, MN 55144		EMSD	
TITLE		BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT	
CAGE NUMBER		DRAWING NO. D78-5100-2656-6	
MODEL		9572	
REV. E		SHT 2 OF 4	

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



DESIGN REFERENCE		NEXT ASSEMBLY		REV ECO		ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ACCESS CODES				DRFT CASTIGLIONE		DATE MAY 14, 2015		INFO	DATE
				CHKD		DATE		APPROV. T. SUNIGA	DATE MAY 14, 2015
DIVISION		DIVISION CODE		© 3M COPYRIGHT 2022					
		EMSD		 3M Center St. Paul, MN 55144		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.			
DO NOT SCALE DRAWING		SCALE 1 1		TOLERANCES EXCEPT AS NOTED		TITLE			
 THIRD ANGLE PROJECTION		 INCHES .00 ± .000 ± .000 ± .0000 ±		 MILLIMETERS 0 ±2 .0 ±0.5 .00 ±0.20 .000 ±0.005		BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT			
INTERPRET PER ASME Y14.5 - 2018						CAGE NUMBER		SIZE	DRAWING NO.
MAX SURFACE ROUGHNESS		☒ ALL SURFACES ☐ MARKED ONLY				D		78-5100-2656-6	REV. E
☒ MAX SURFACE ROUGHNESS ☐ MARKED ONLY		☒ ALL SURFACES ☐ MARKED ONLY		ANGLES ±		MODEL 9572		DET. LISTS	YES YES NO SHT 4 OF 4

Mouser Electronics

Authorized Distributor

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[957210-2000-AR-PR](#) [957216-2000-AR-PR](#) [7010386545](#)