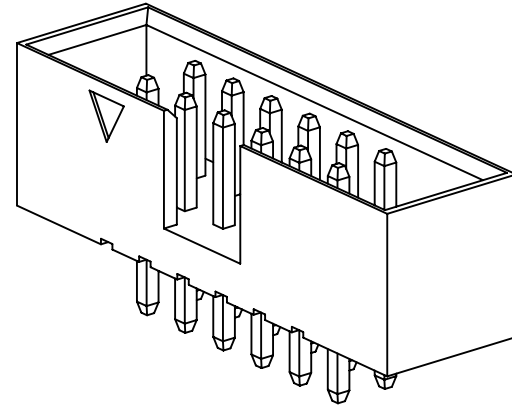
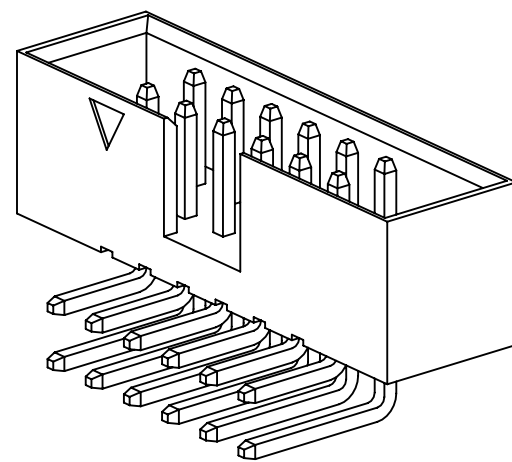


## 3M™ BOX HEADER, 957 SERIES

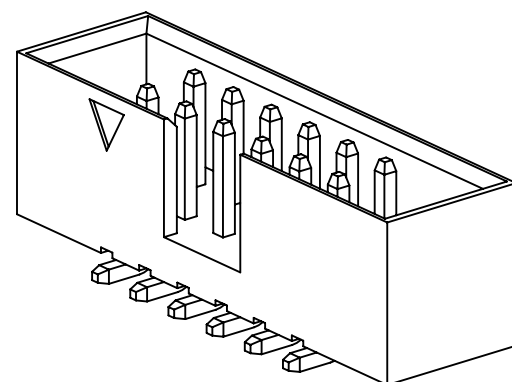
2MM X 2MM, STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



DUAL ROW  
STRAIGHT  
VERSION



DUAL ROW  
RIGHT ANGLE  
VERSION



DUAL ROW  
SURFACE MOUNT  
VERSION

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INTERCONNECT SOLUTIONS  
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2 PHYSICAL :

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

2 ELECTRICAL :

CURRENT RATING: 2A  
CONTACT RESISTANCE:  $\leq 20 \text{ m}\Omega$   
INSULATION RESISTANCE:  $\geq 1000 \text{ M}\Omega$   
WITHSTANDING VOLTAGE:  $500 \text{ V}_{\text{r.m.s.}}$ , 1mA, 60s

## 2 MECHANICAL :

RETENTION FORCE:  $\geq 4.5\text{N}$  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

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

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ADDENDUM				DRFT CASTIGLIONE		DATE MAY 14, 2015		MFG DATE	
				CHKD		APPROV T. SUNIGA		DATE MAY 14, 2015	
DIVISION				DIVISION CODE EMSD		© 3M COPYRIGHT 2020 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M's permission, or used to disclose other information for 3M authorized purposes. All rights reserved.			
DO NOT SCALE DRAWING		SCALE 1 1		TOLERANCES EXCEPT AS NOTED		3M 3M Center St. Paul, MN 55144			
				INCHES + .0 .00 .000 .0000 ±		TITLE BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT			
THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5 - 2009				MILLIMETERS 0 .0 .00 ± .000 ± .0000 ±		CAGE NUMBER SIZE DRAWING NO. D 78-5100-2656-6			
MAX SURFACE ROUGHNESS 1.6		MIN SURFACES 630		9572		REV. D			
✓ MARKED ONLY						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.

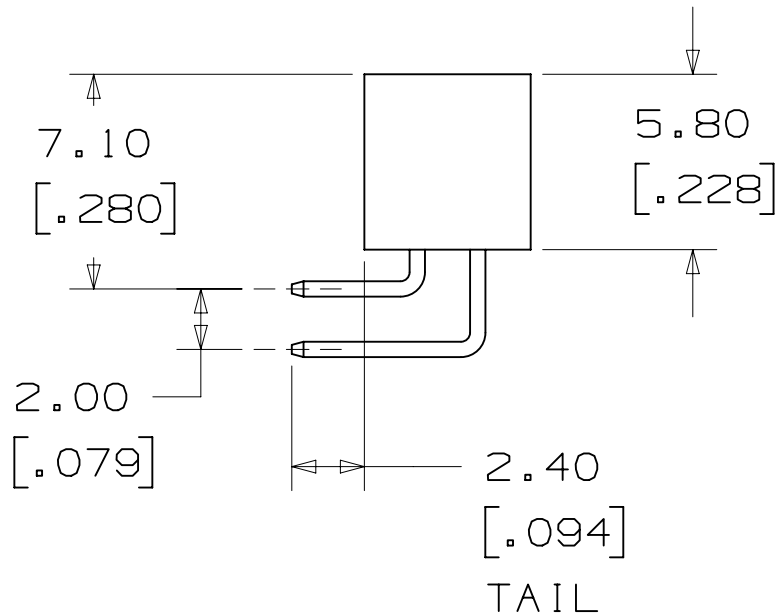
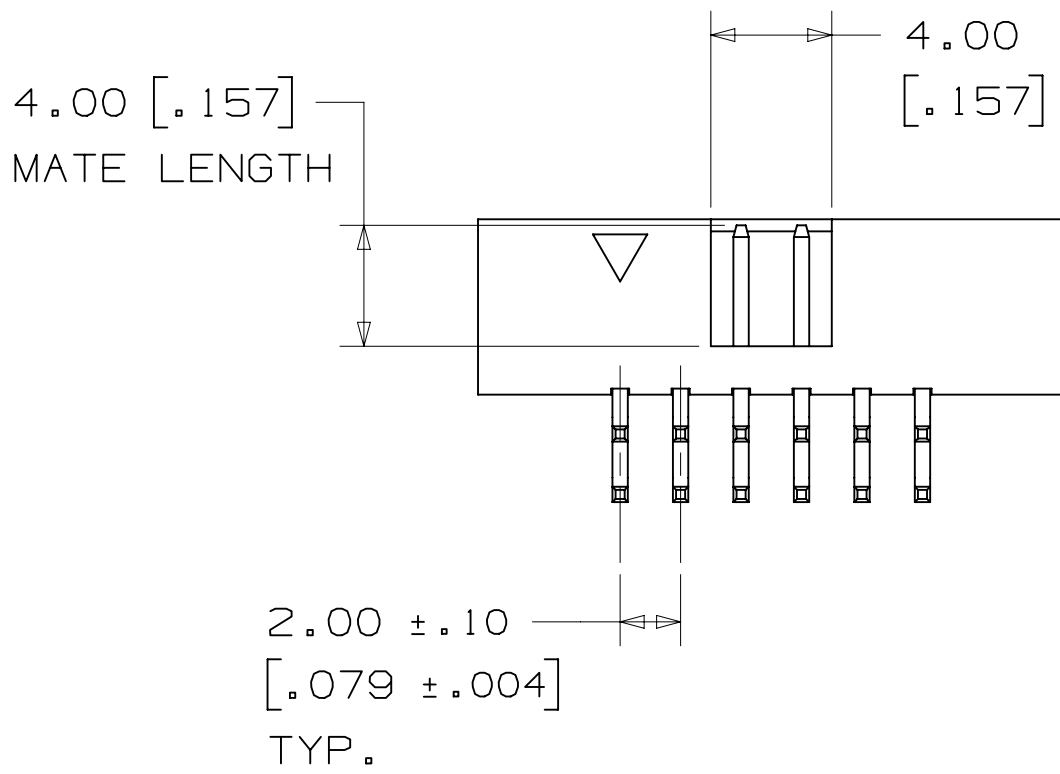
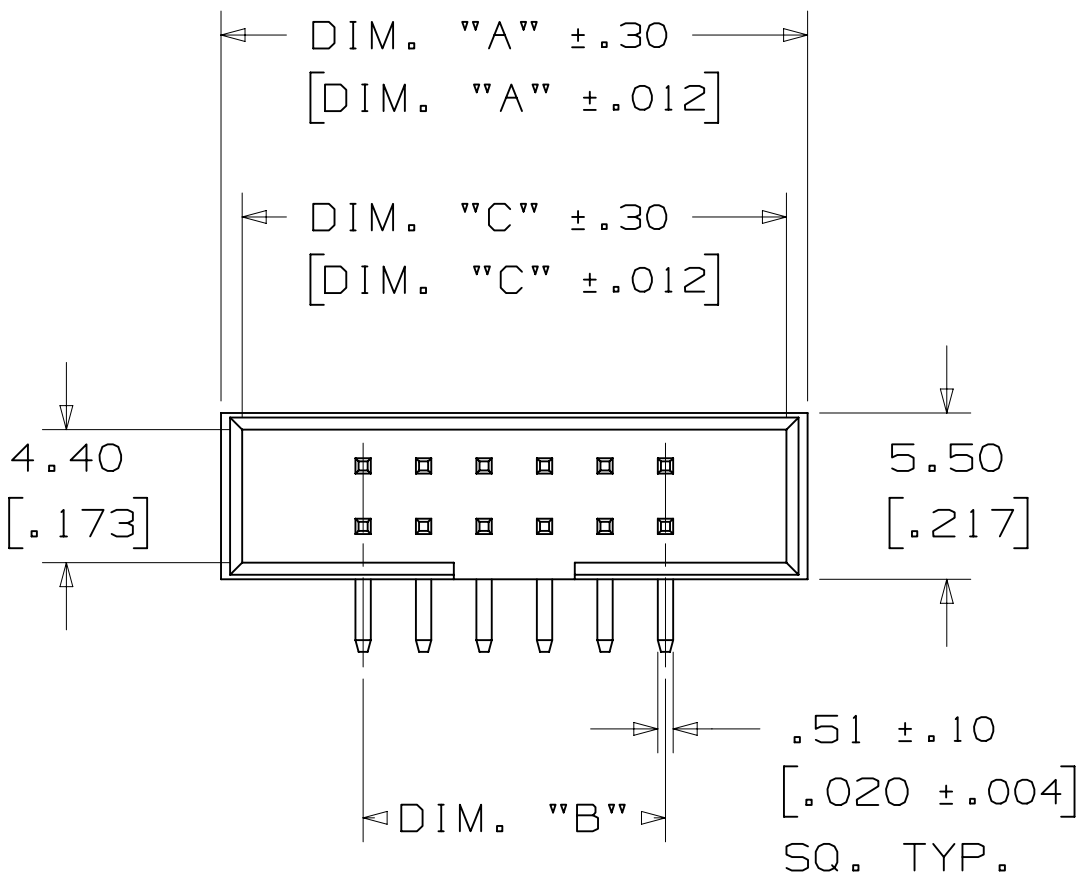
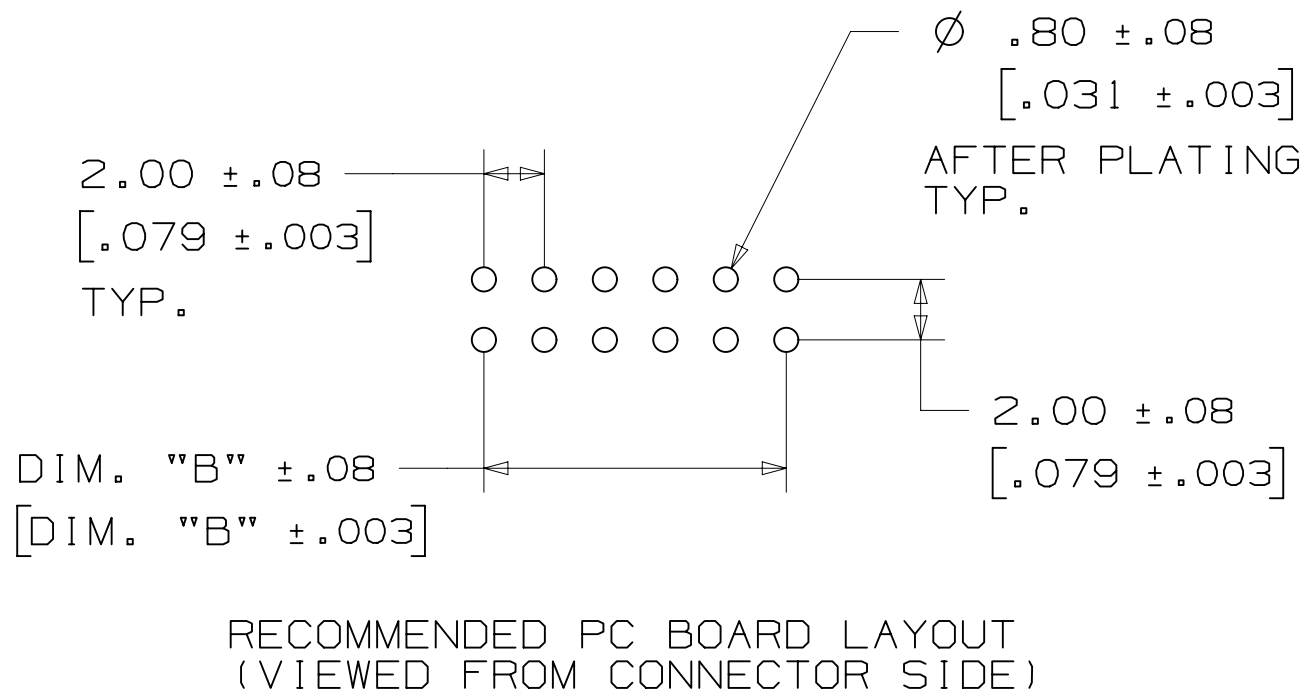
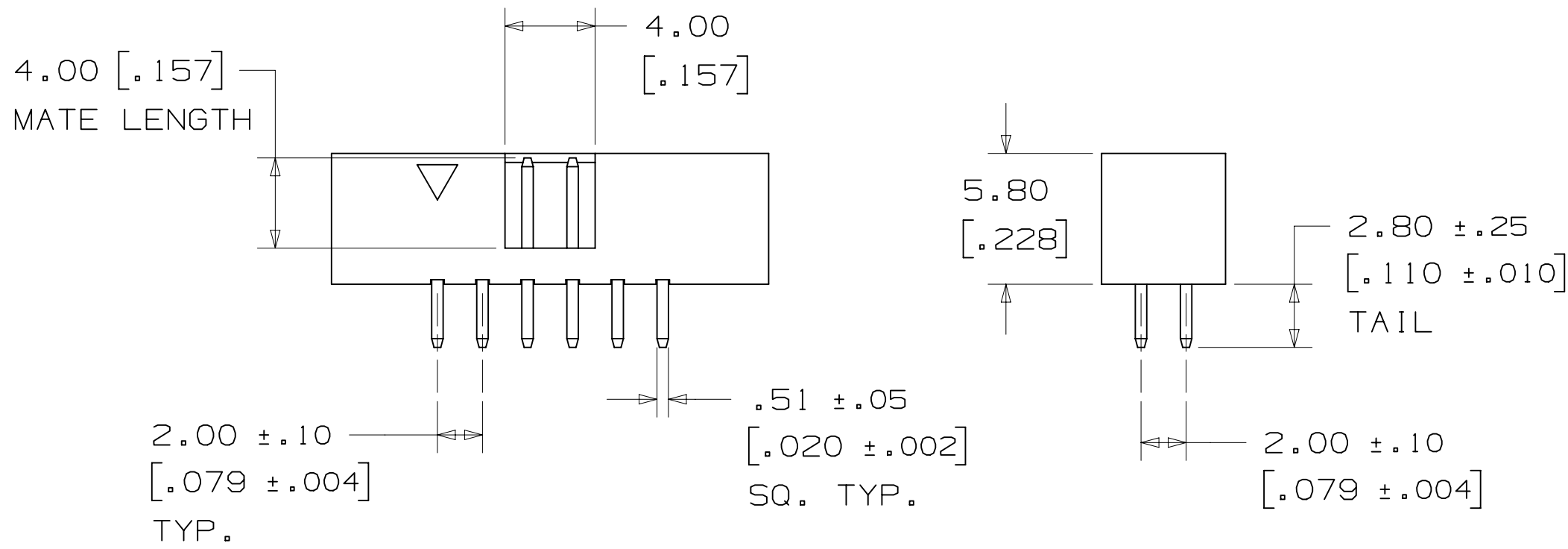
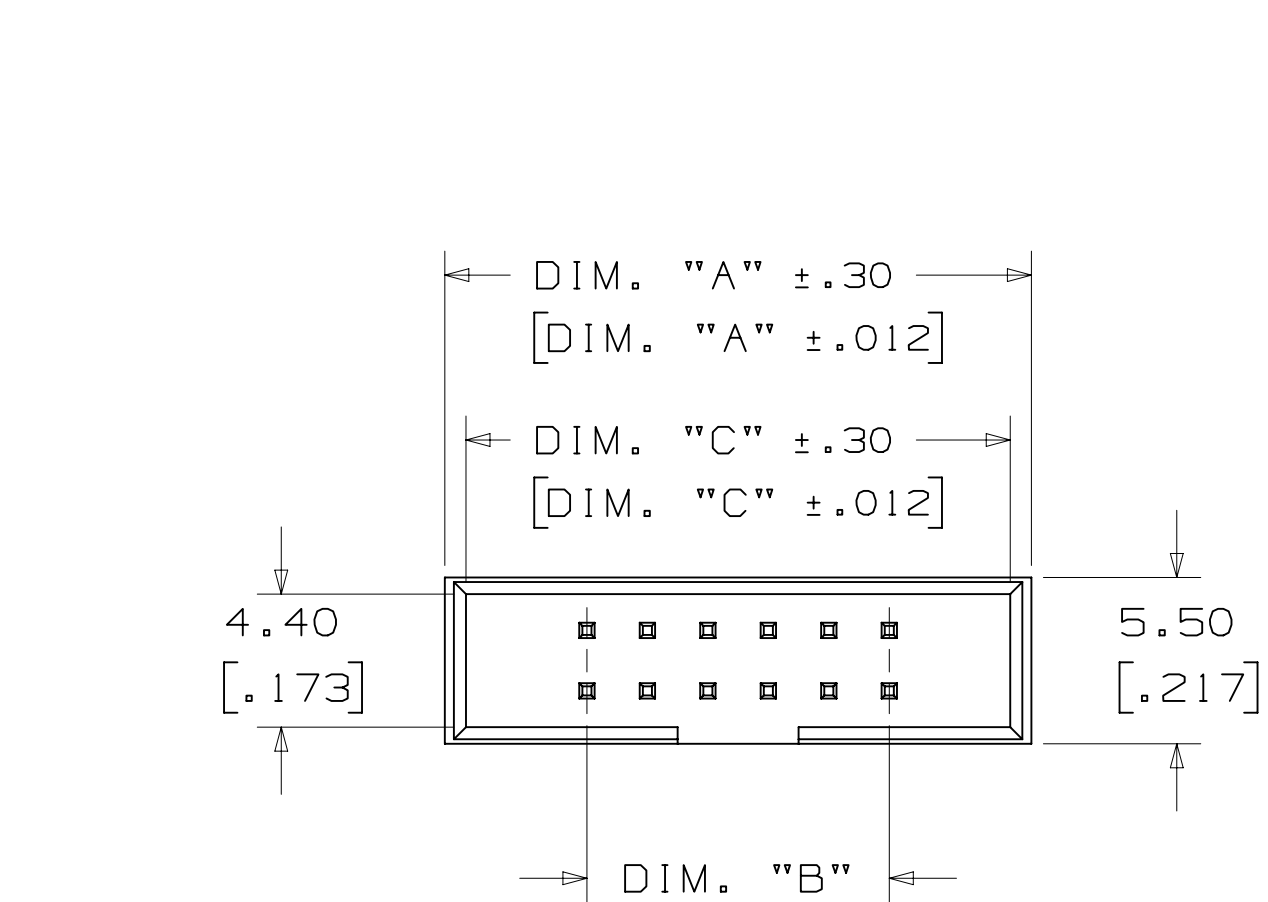
**D**  
**REVISION**

78-5100-2656-6  
DRAWING NUMBER

A

A

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



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

CONTACT QTY: 06-64  
MOUNTING STYLE:  
5 = RIGHT ANGLE  
6 = STRAIGHT

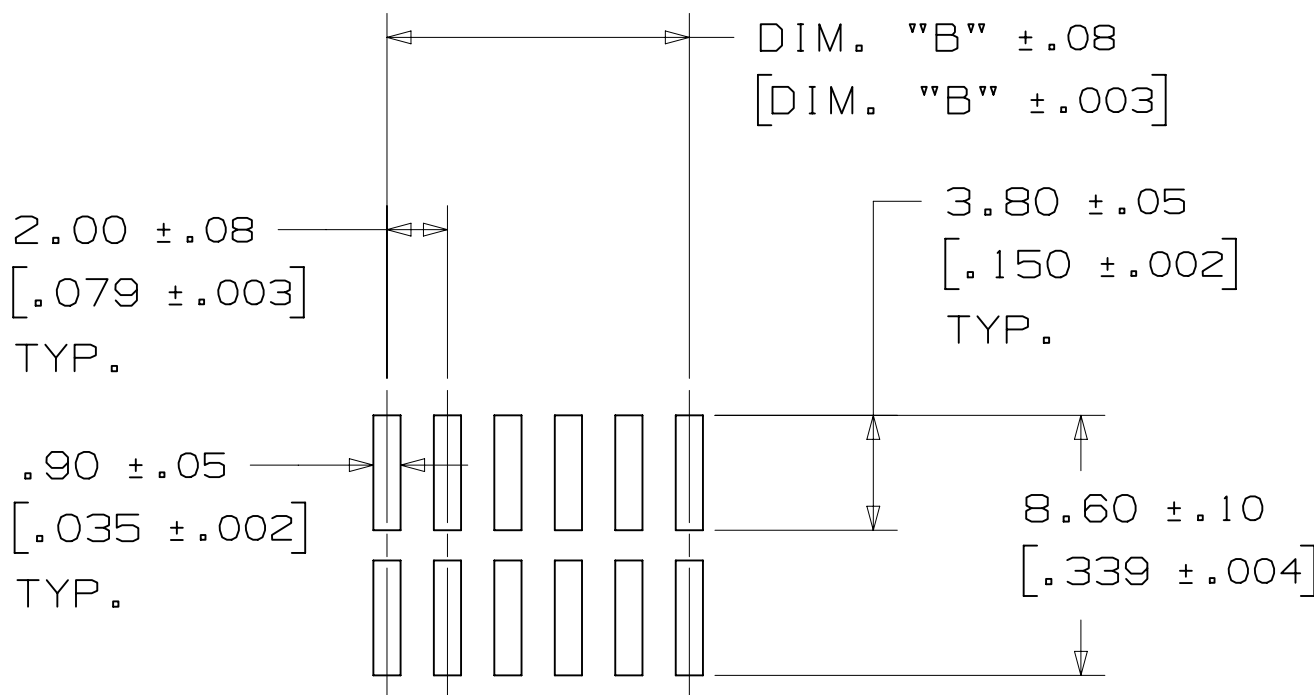
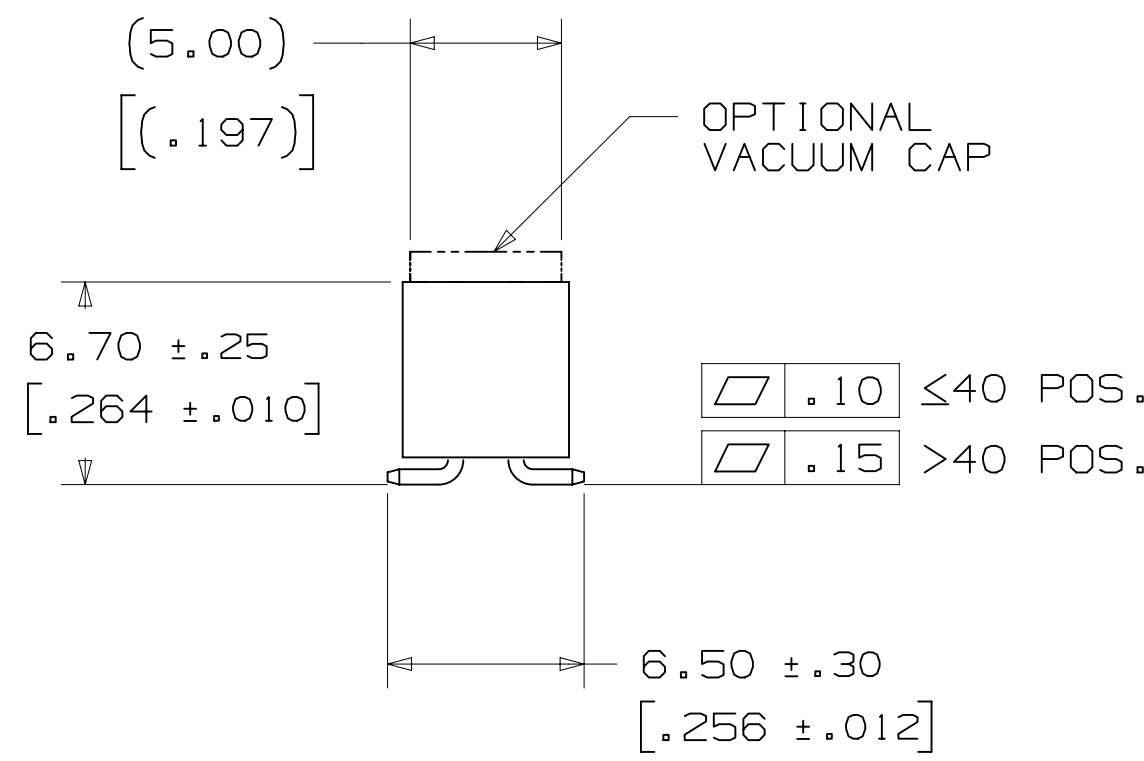
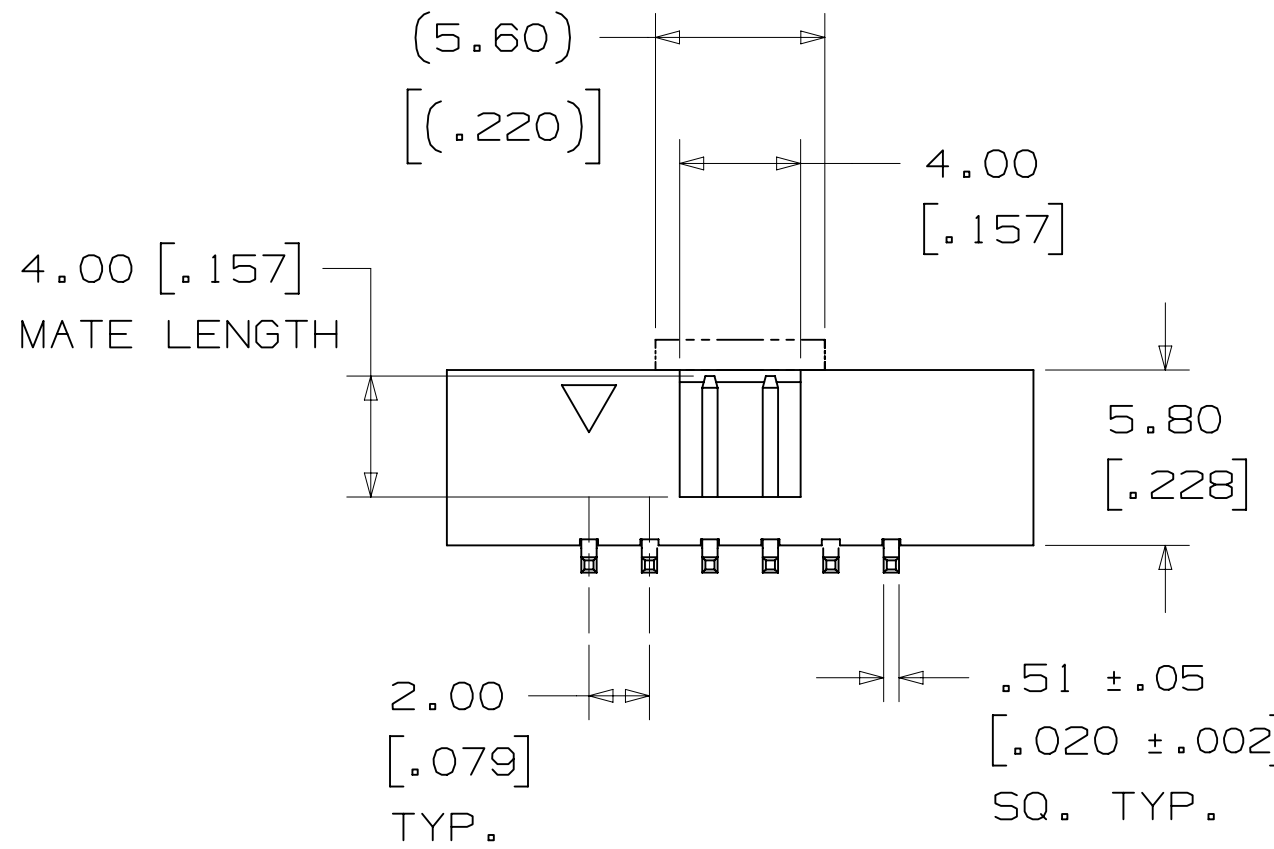
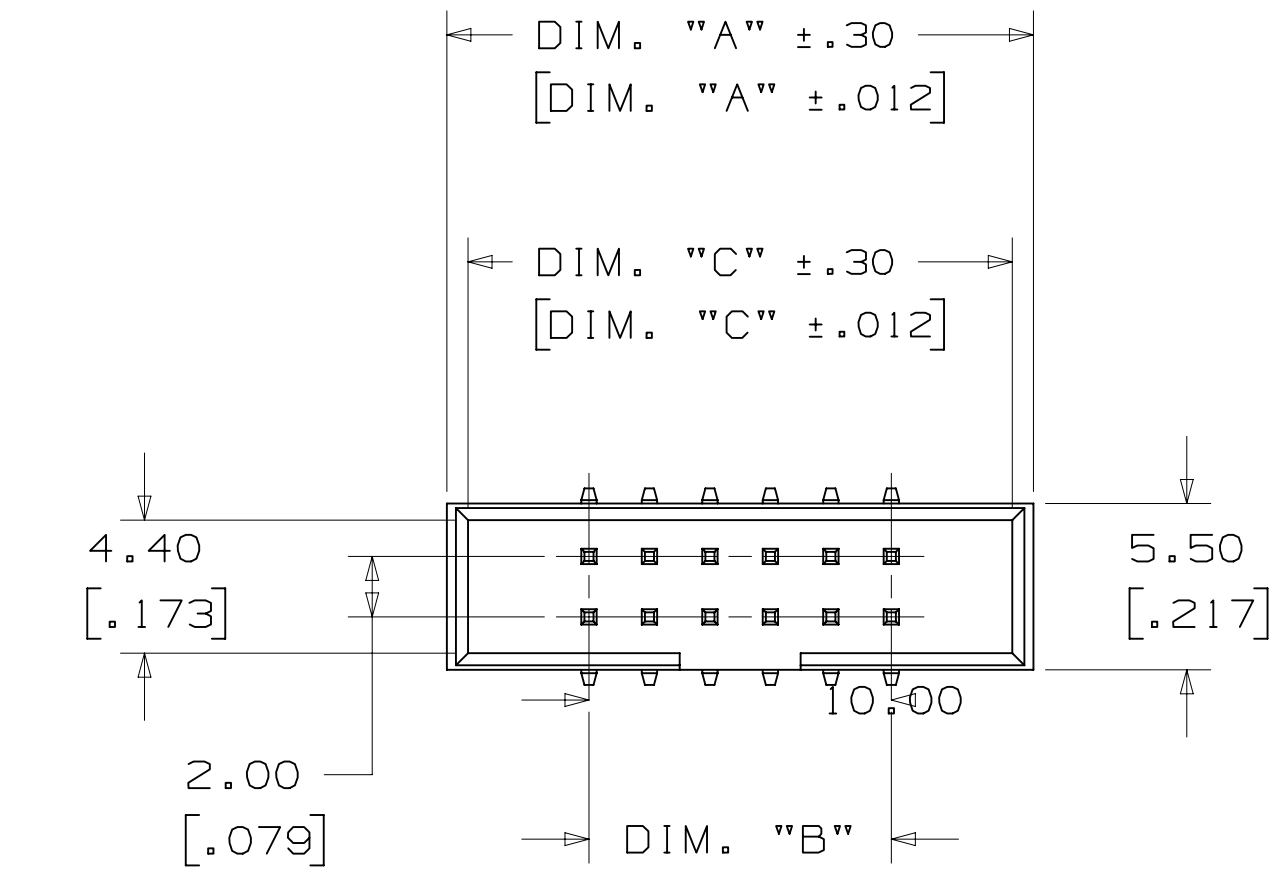
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TABLE 1 mm	
DIM. "A"	$((N/2) - 1) \times 2.00 + 9.40$
DIM. "B"	$((N/2) - 1) \times 2.00$
DIM. "C"	$((N/2) - 1) \times 2.00 + 8.00$
SEE NOTE 3	

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
90462						APR 27, 2020	REVISED WARRANTY STATEMENT	LDS	FJR
78557						APR 05, 2018	REVISED TABLE 1 ON SHEETS 2 AND 3	SBO	FR
74628						JUL 06, 2017	UPDATE TABLE 1 TO REMOVE [IN] VALUES	LDS	SC
72044						FEB 02, 2017	PRODUCTION RELEASE	JNC	TS
DIVISION		DIVISION CODE		DATE		DATE		DATE	
DO NOT SCALE DRAWING		SCALE 4/1		TOLERANCES EXCEPT AS NOTED		INCHES		MILLIMETERS	
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2009		MAX SURFACE ROUGHNESS		MARKED ONLY		ANGLES	
TITLE		BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT		CAGE NUMBER		DRAWING NO.		REV.	
9572		D		78-5100-2656-6		D		SHT 2 OF 4	

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  
(SURFACE MOUNT ONLY)

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

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DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
3M CODES		DRP	CASTIGLIONE	MAY 14, 2015	MFG	DATE
		CHKD			APPR	DATE
					T. SUNIGA	MAY 14, 2015
DIVISION	DIVISION CODE	3M Center St. Paul, MN 55144				
DO NOT SCALE DRAWING	SCALE 4 1	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	INCHES 0.00 ± 0.008 ± 0.000 ±				
MAX SURFACE ROUGHNESS 0.00 ± 0.008 ± 0.000 ±	MARKED ONLY	MILLIMETERS 0 ± 0.00 ± 0.008 ±				
TITLE		BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT				
CAGE NUMBER	SIZE	DRAWING NO.	REV.			
D	78-5100-2656-6	D	3			
MODEL	9572	DET	LISTS	YES	NO	SHT 3 OF 4

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INFORMATION CALL 800-225-5373

D	90462	APR 27,2020 REVISED WARRANTY STATEMENT REVISED TABLE 1 ON SHEETS 2 AND 3	LDS	FJR
C	78557	APR 05,2018 UPDATE TABLE 1 TO REMOVE [ IN ] VALUES	SBO	FR
B	74628	JUL 06,2017 ⚠ WAS: -40C TO 105C	LDS	SC
A	72044	FEB 02,2017 PRODUCTION RELEASE	JNC	TS
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRP	CASTIGLIONE	DATE MAY 14,2015	MFG	DATE
CHKD		DATE	APPRV	DATE
			T. SUN16A	MAY 14,2015
DESIGN REFERENCE		NEXT ASSEMBLY		
DIVISION		DIVISION CODE		
DO NOT SCALE DRAWING		SCALE 1 1		
THIRD ANGLE PROJECTION		TOLERANCES EXCEPT AS NOTED		
MAX SURFACE ROUGHNESS		INCHES		
✓ MARKED ONLY		MILLIMETERS		
		CAGE NUMBER		
		SIZE		
		DRAWING NO.		
		REV.		
		MODEL		
		DET		
		YES		
		NO		
		SHT 4 OF 4		

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BOX HEADER, 2MM,  
STRAIGHT, RIGHT ANGLE  
AND SMT

Imaged: Central Standard Time 4/27/2020 -- UTC Off-set (hrs) 6

78-5100-2656-6

D

revision