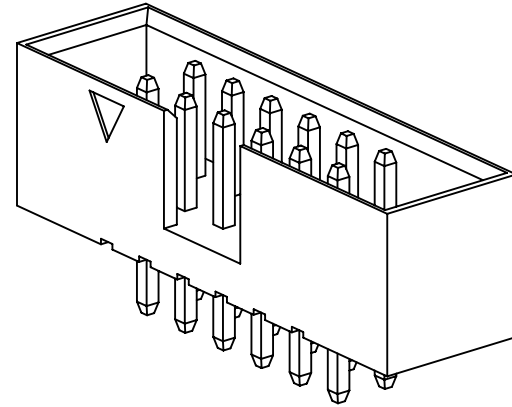
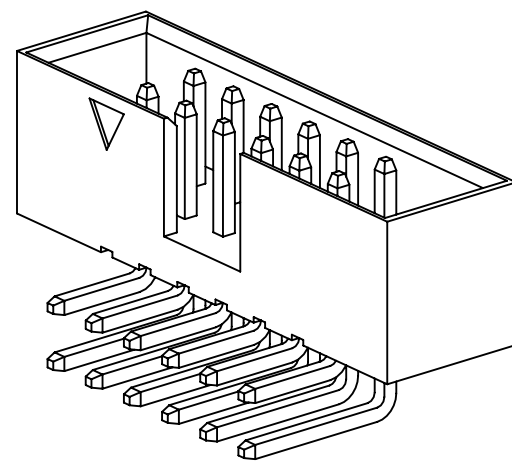


3M™ BOX HEADER, 957 SERIES

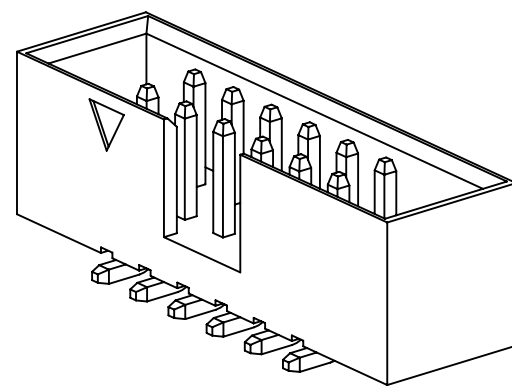
2MM X 2MM, STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



DUAL ROW
STRAIGHT
VERSION



DUAL ROW
RIGHT ANGLE
VERSION



DUAL ROW
SURFACE MOUNT
VERSION

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2 PHYSICAL :

```

INSULATOR:
MATERIAL: HIGH TEMP THERMOPLASTIC
FLAMMABILITY: UL94V-0
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: $\leq 20 \text{ m}\Omega$
INSULATION RESISTANCE: $\geq 1000 \text{ M}\Omega$
WITHSTANDING VOLTAGE: 500 $V_{r.m.s.}$, 1mA, 60s

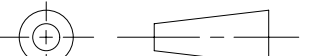
2 MECHANICAL : 2

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.	.XX
MM	±.5	±.20
[INCH]	±.02	±.008
[] = DIM. FOR REFERENCE ONLY		

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
ADDRESS CODES		DRFT	CASTIGLIONE	DATE	MFG	DATE
		CHKD		DATE	APPRV.	DATE
					T. SUNIGA	MAY 14, 2015
DIVISION		DIVISION CODE				
		EMSD				
DO NOT SCALE DRAWING	SCALE 4 1	TOLERANCES EXCEPT AS NOTED				
		INCHES +0 ± +0.00 ± +0.000 ± +0.000 ±				
THIRD ANGLE PROJECTION		MILLIMETERS 0 ± +0 ± +0.00 ±				
INTERPRET PER ASME Y14.5 - 2009						
MAX. SURFACE ROUGHNESS						
✓ ☐ UNFINISHED SURFACES						
☐ MARKED ONLY						
		ANGLES				



3M Center
St. Paul,
MN 55144

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TITLE

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

CAGE NUMBER	SIZE	DRAWING NO.	REV.
D		078-5100-2656-6	D

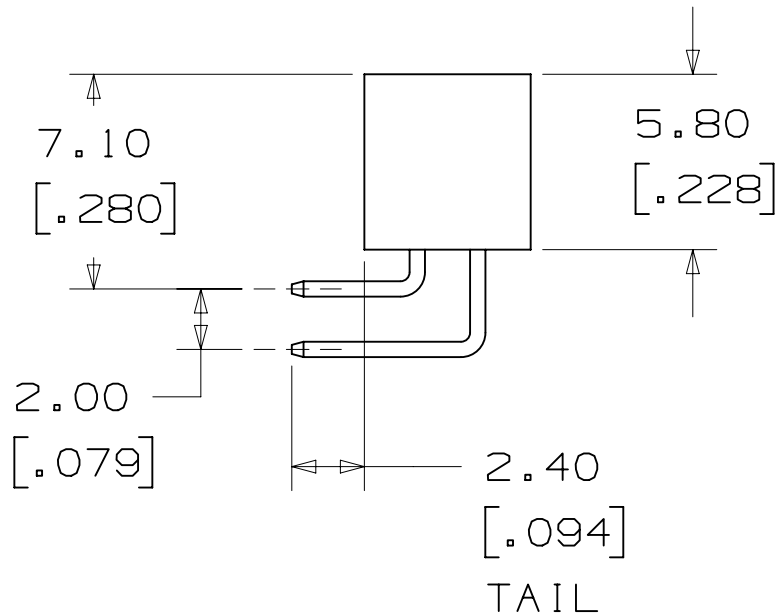
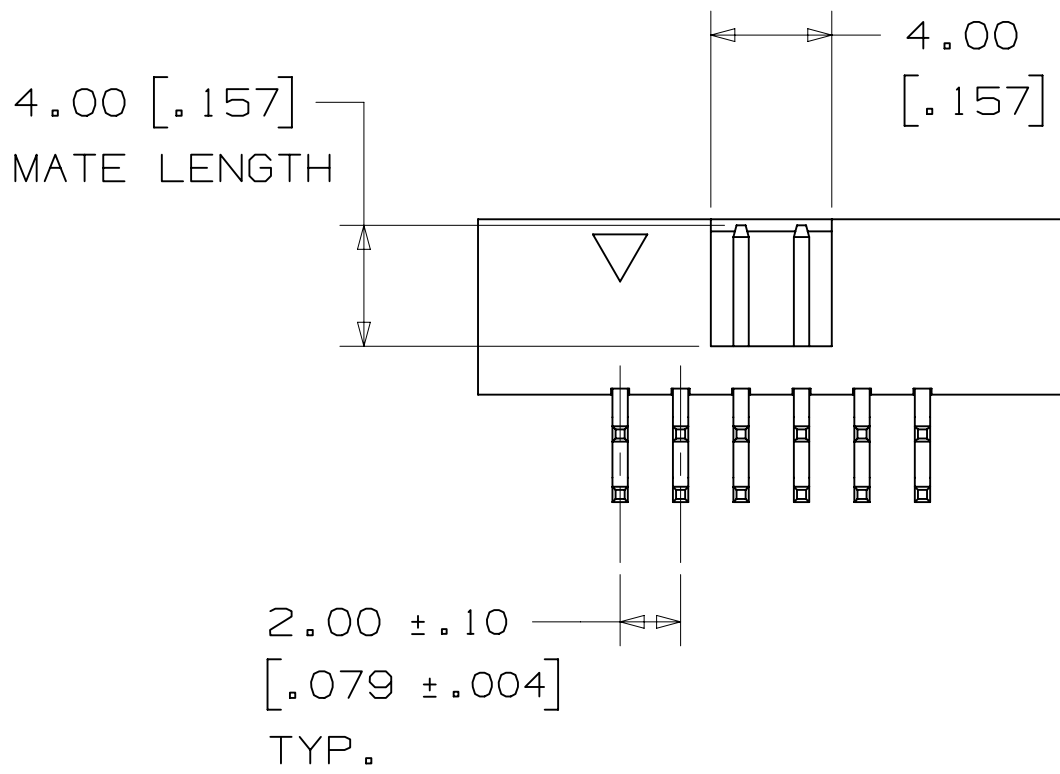
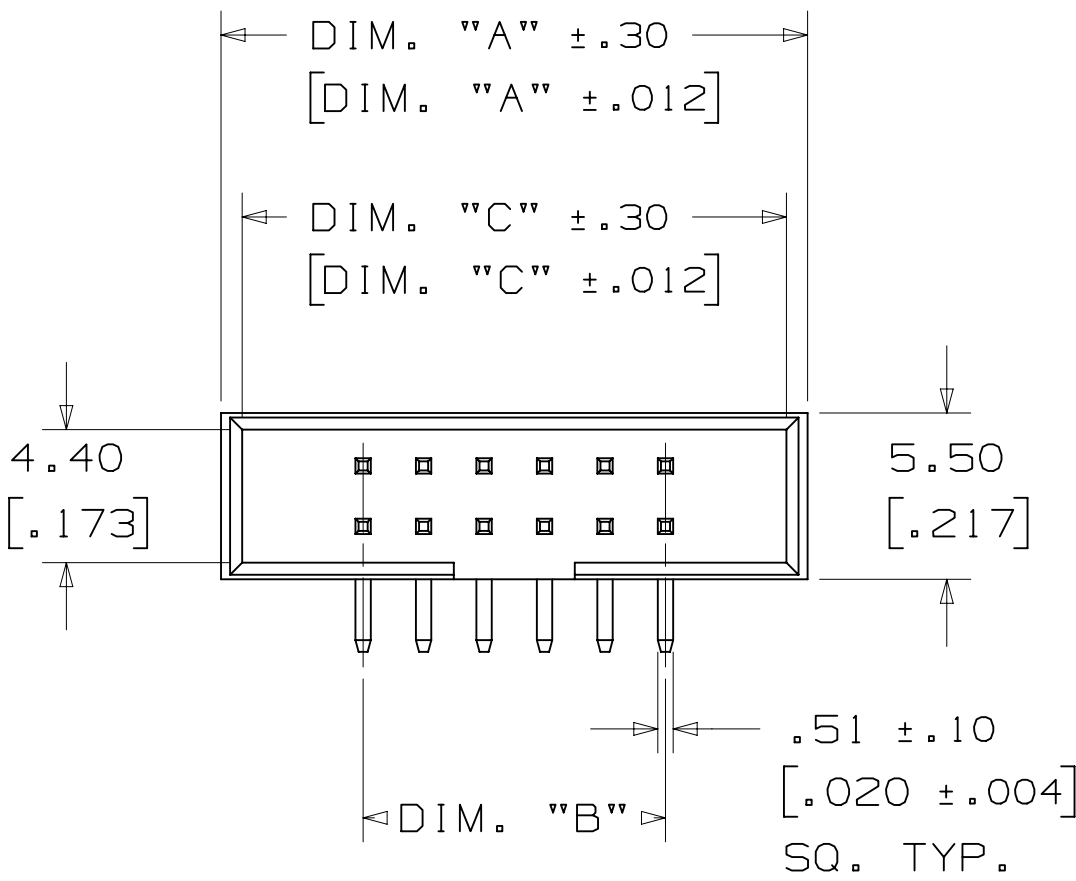
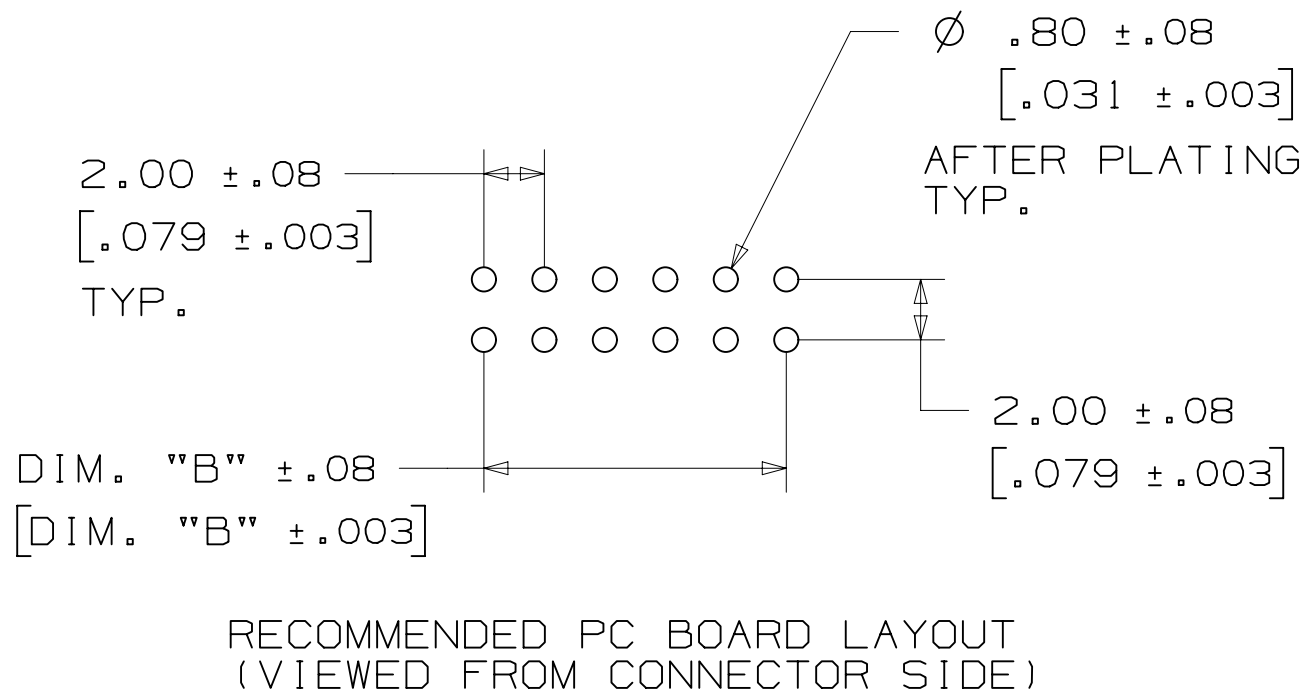
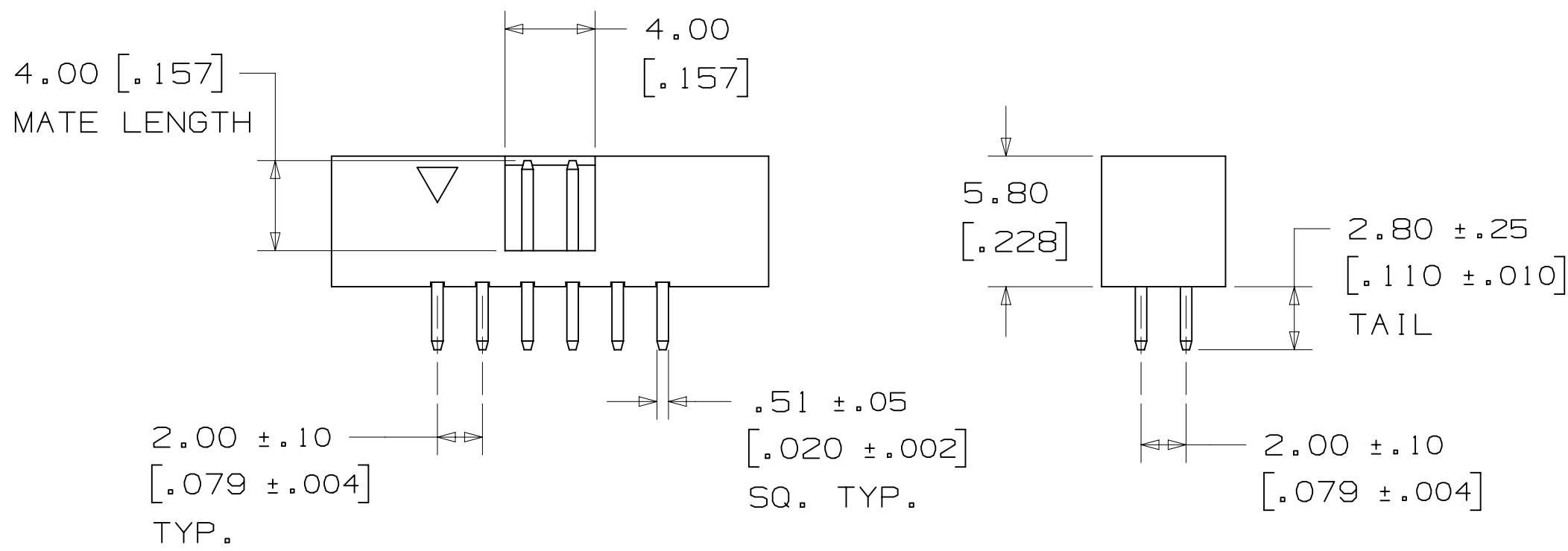
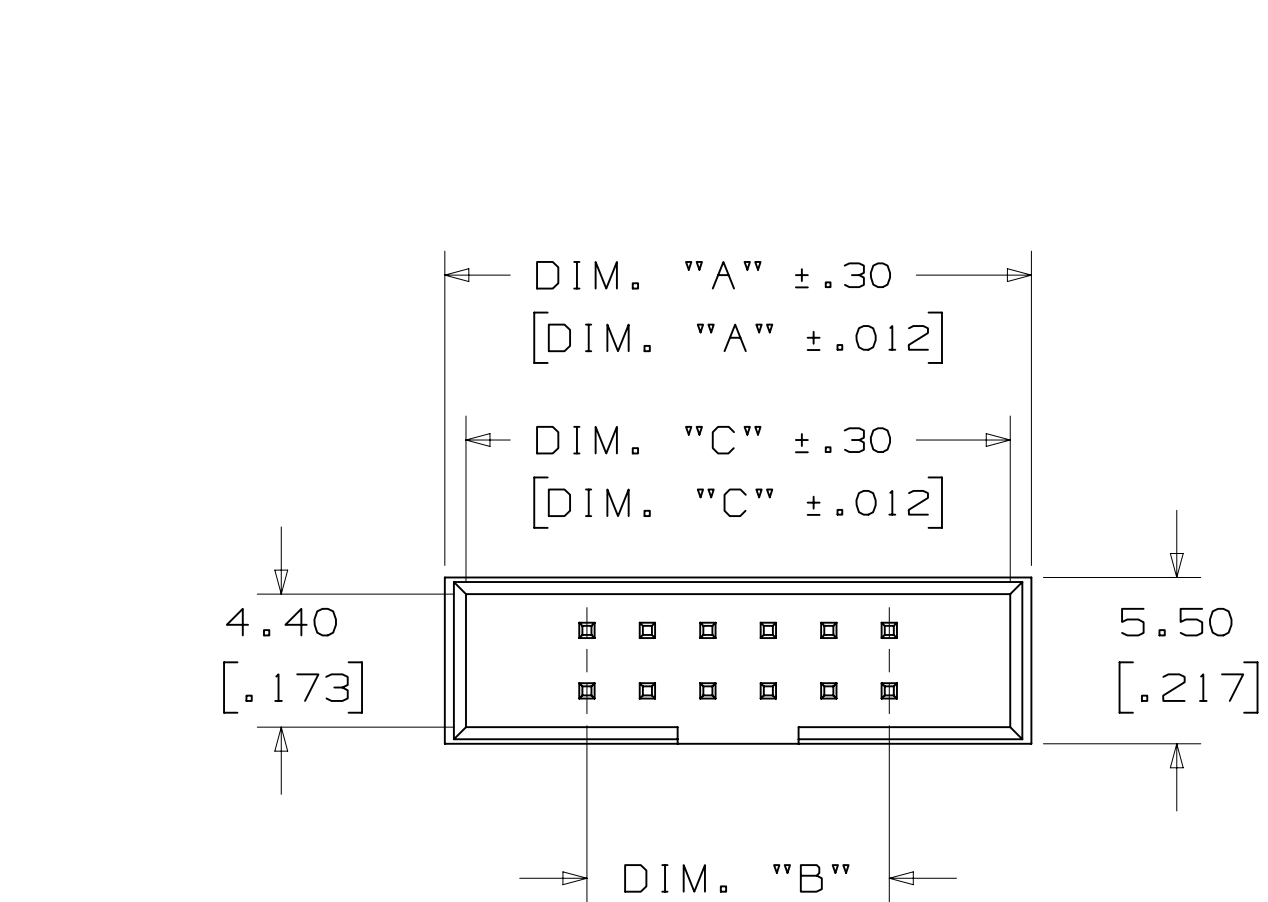
MODEL

9572

DET. LISTS ☐ YES ☒ NO

SHT 1 OF 4

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

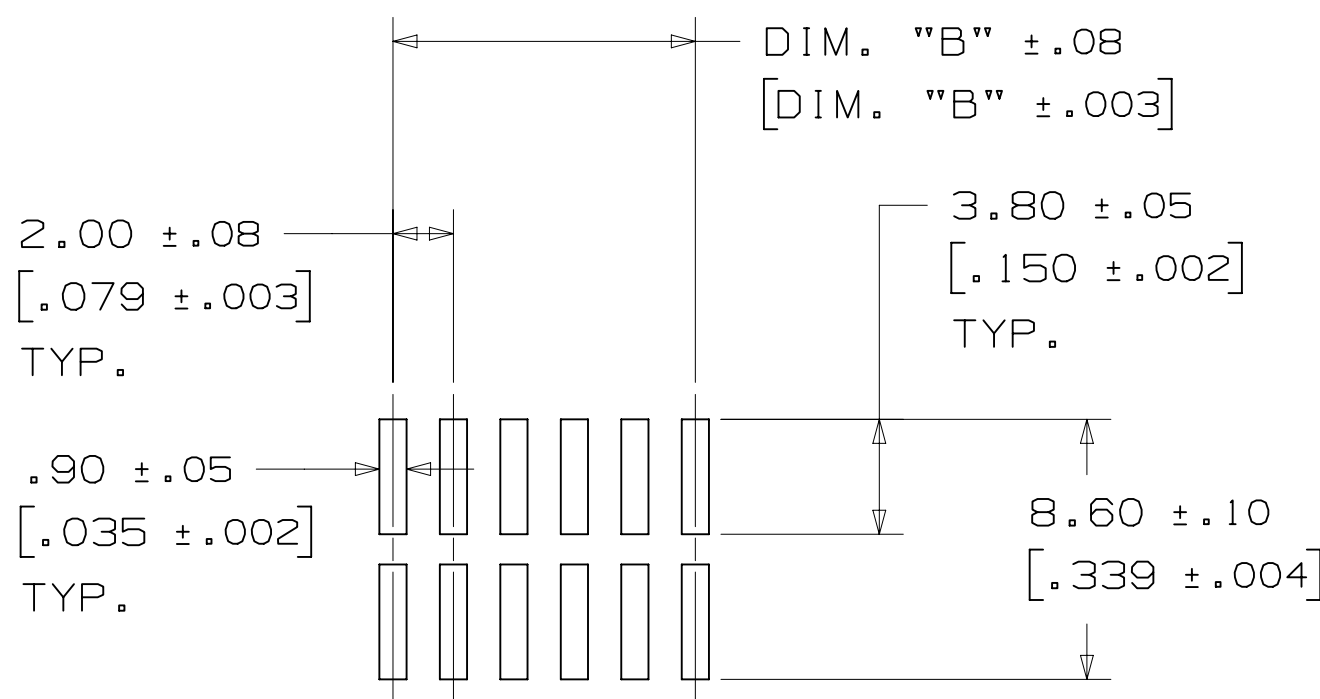
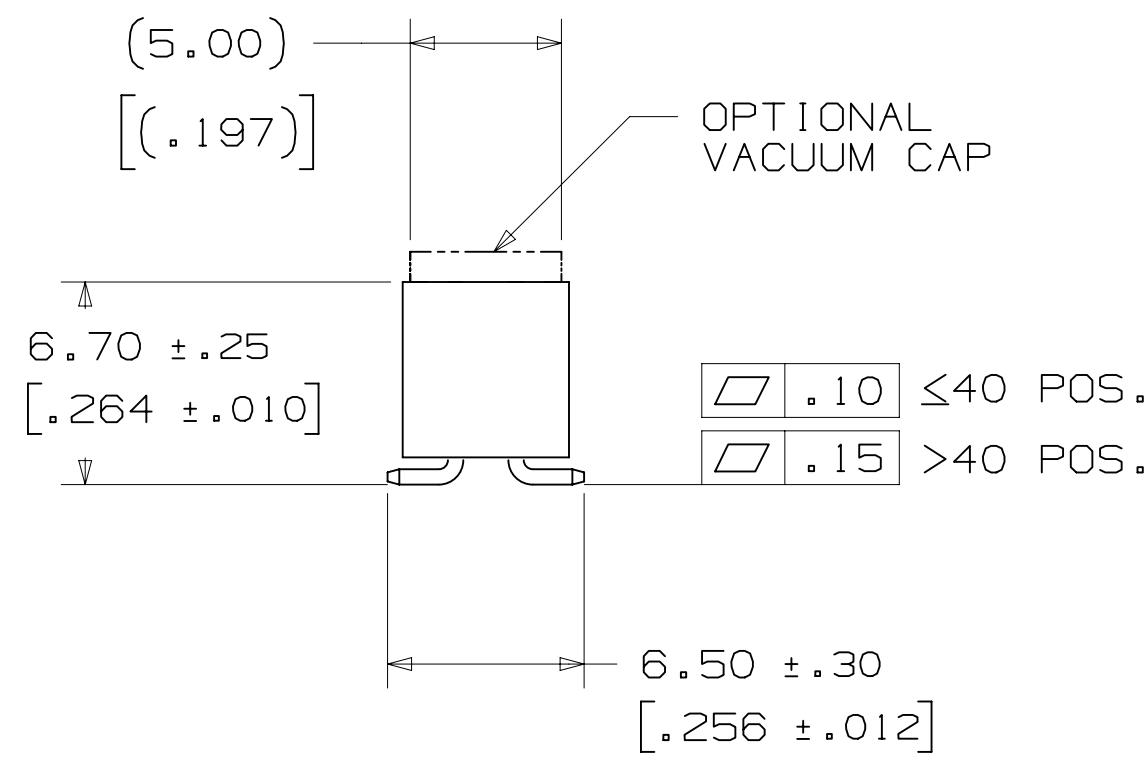
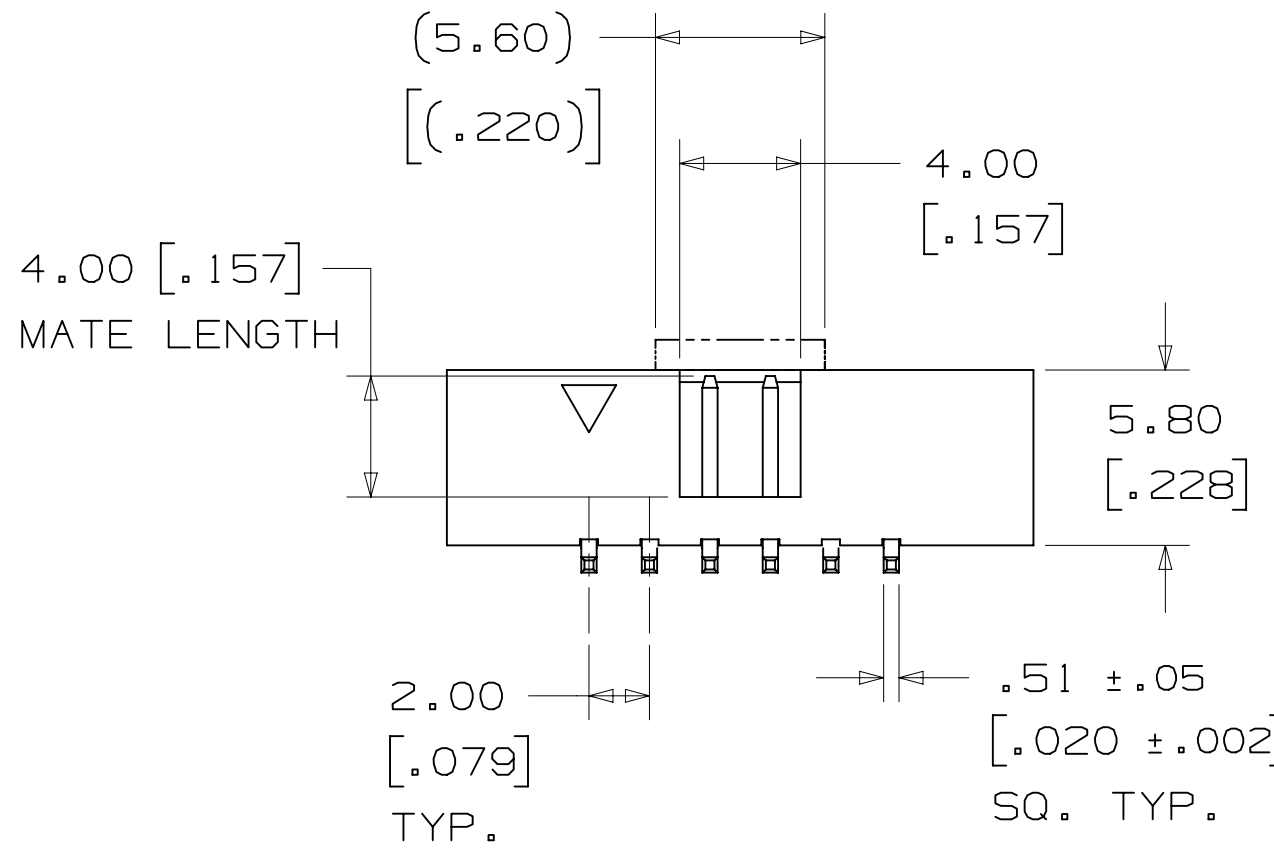
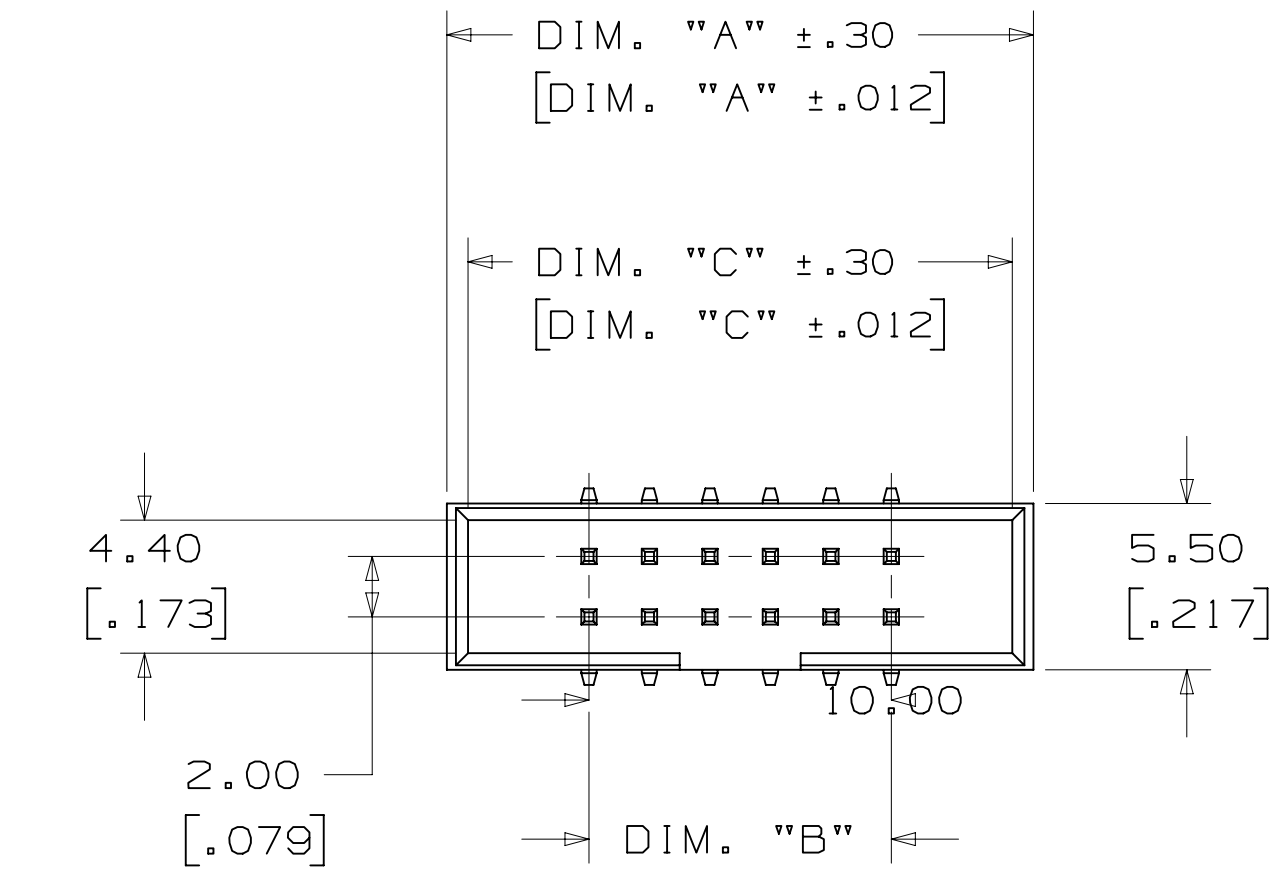
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TABLE 1 mm	
DIM. "A"	((N/2)-1) X 2.00 + 9.40
DIM. "B"	((N/2)-1) X 2.00
DIM. "C"	((N/2)-1) X 2.00 + 8.00
SEE NOTE 3	

DESIGN REFERENCE		NEXT ASSEMBLY		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		DET SURFACES		MARKED ONLY	
CAGE NUMBER		SIZE		DRAWING NO.		REV.		SHT 2 OF 4	
9572		D		78-5100-2656-6		D			

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
DESIGN CODES				DRP	CASTIGLIONE	DATE	MAY 14, 2015	MFG	DATE
				CHKD		DATE		APPR	DATE
								T. SUNIGA	MAY 14, 2015
DIVISION		DIVISION CODE							
DO NOT SCALE DRAWING		SCALE 4/1		TOLERANCES EXCEPT AS NOTED					
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2009		INCHES					
MAX SURFACE ROUGHNESS		SURFACES		MILLIMETERS					
MARKED ONLY				ANGLES					
TITLE		BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT		CAGE NUMBER					
MODEL		9572		DRAWING NO. 78-5100-2656-6					
REV.		D		SHT 3 OF 4					

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3M Company
Electronics Materials Solutions Division
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Austin, TX 78753-5380
1-800-225-5373
www.3M.com/interconnect

D	90462	APR 27, 2020		LDS	FJR
		REVISED WARRANTY STATEMENT			
		REVISED TABLE 1 ON SHEETS 2 AND 3			
C	78557	APR 05, 2018		SBO	FR
		UPDATE TABLE 1 TO REMOVE (IN) VALUES			
B	74628	JUL 06, 2017		LDS	SC
		⚠ WAS: -40C TO 105C			
A	72044	FEB 02, 2017		JNC	TS
		PRODUCTION RELEASE			
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO
ACCESS CODES		DRFT	CASTIGLIONE	DATE	MAY 14, 2015
		CHKD		DATE	
DIVISION		DIVISION CODE		APPRV	T. SUNIGA
		EMSD		DATE	MAY 14, 2015
DO NOT SCALE DRAWING		SCALE 1 1		© 3M COPYRIGHT 2020	
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THIRD ANGLE PROJECTION		INCHES		TITLE	
		MILLIMETERS		BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT	
MAX. SURFACE ROUGHNESS		MARKED SURFACES		CAGE NUMBER	SIZE
✓		MARKED ONLY		D	D
		ANGLE		DRAWING NO.	REV.
		9572		D	78-5100-2656-6
		DET. LISTS		YES	NO
		SHT		4	OF 4