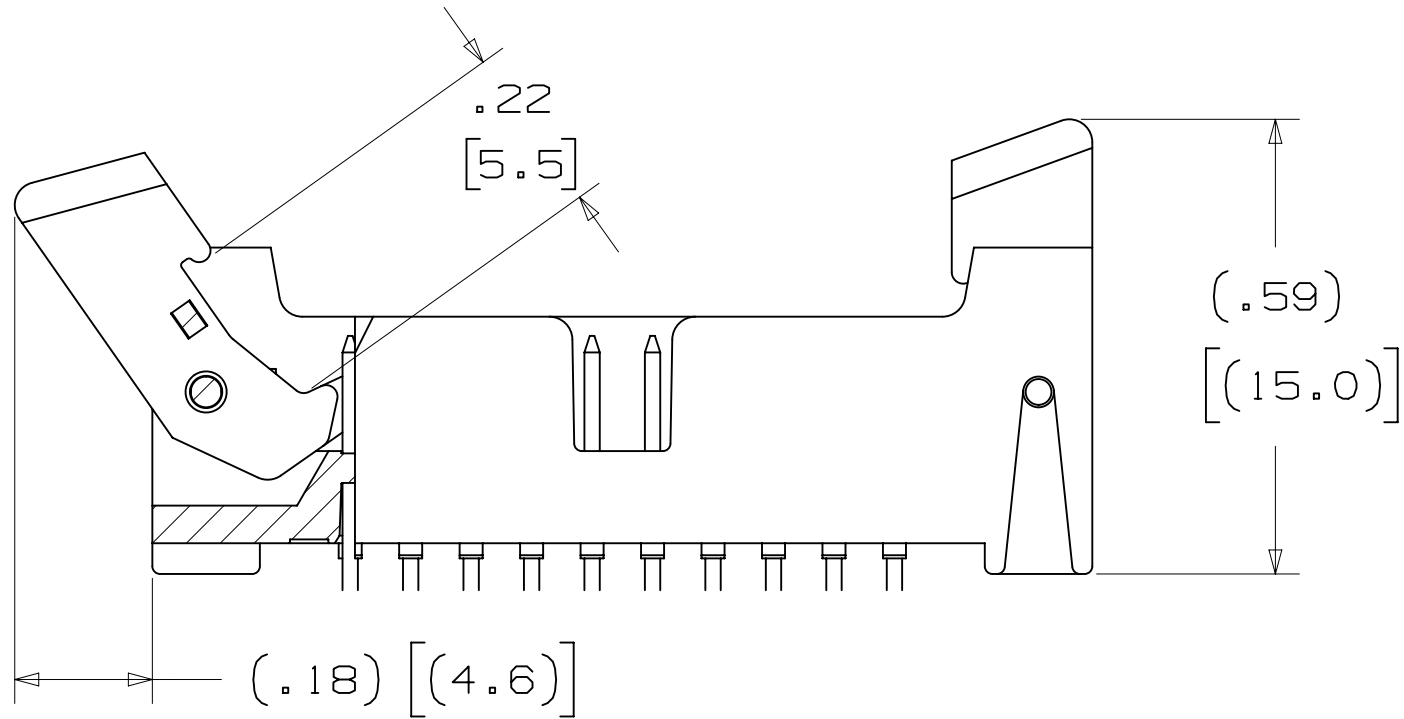
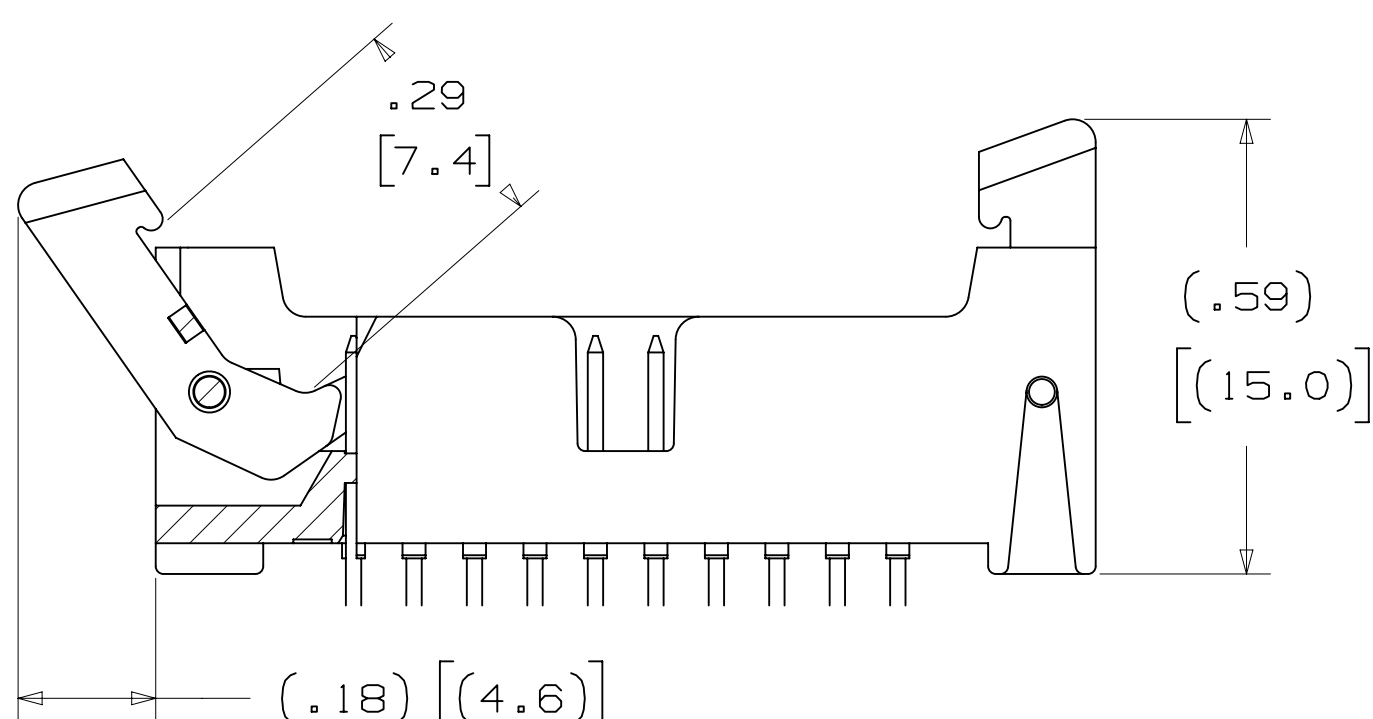


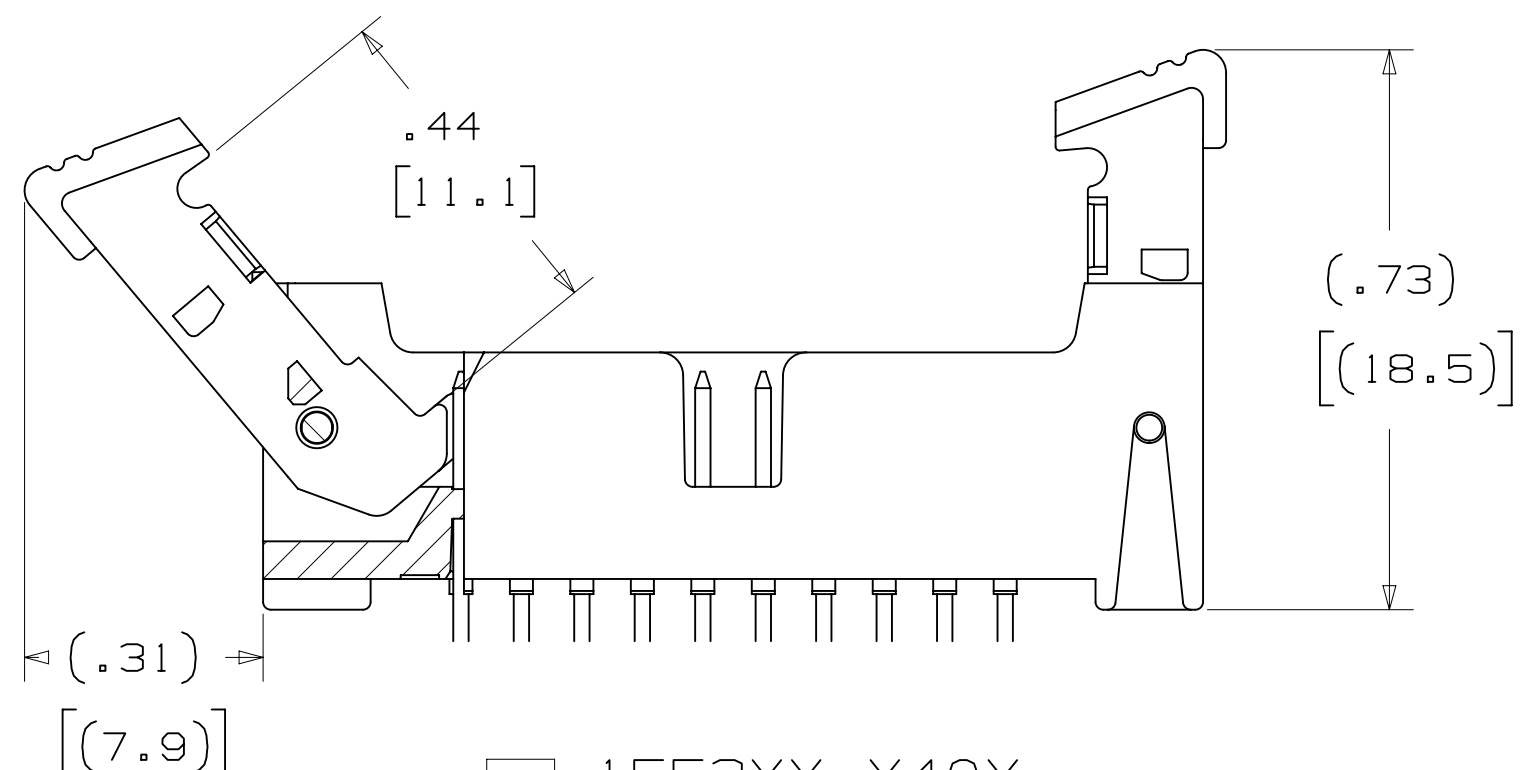
3M™ LATCH/EJECT HEADER, 1552 SERIES
2MM X 2MM STRAIGHT & RIGHT ANGLE, THROUGH-HOLE, STRAIGHT & SURFACE MOUNT



5 1552XX-X20X
LATCH MATING FOR
MOLDED-ON SOCKET
WITH LATCHING EAR



5 1552XX-X30X
LATCH MATING FOR
PRESS-ON SOCKET



5 1552XX-X40X
LATCH MATING FOR
2MM SCI CARRIER

3 ELECTRICAL PERFORMANCE :

CURRENT RATING: 4.75A, 1 LINE POWERED
2.00A, 6 ADJACENT LINES POWERED
1.25A, ALL LINES POWERED

RATING CONDITIONS: EIA-364-070 METHOD 2, 30°C MAXIMUM TEMPERATURE
RISE, 20% DERATED. REFERENCE APPROPRIATE 3M PRODUCT
SPECIFICATION FOR DETAILED CURRENT DERATING CURVES.

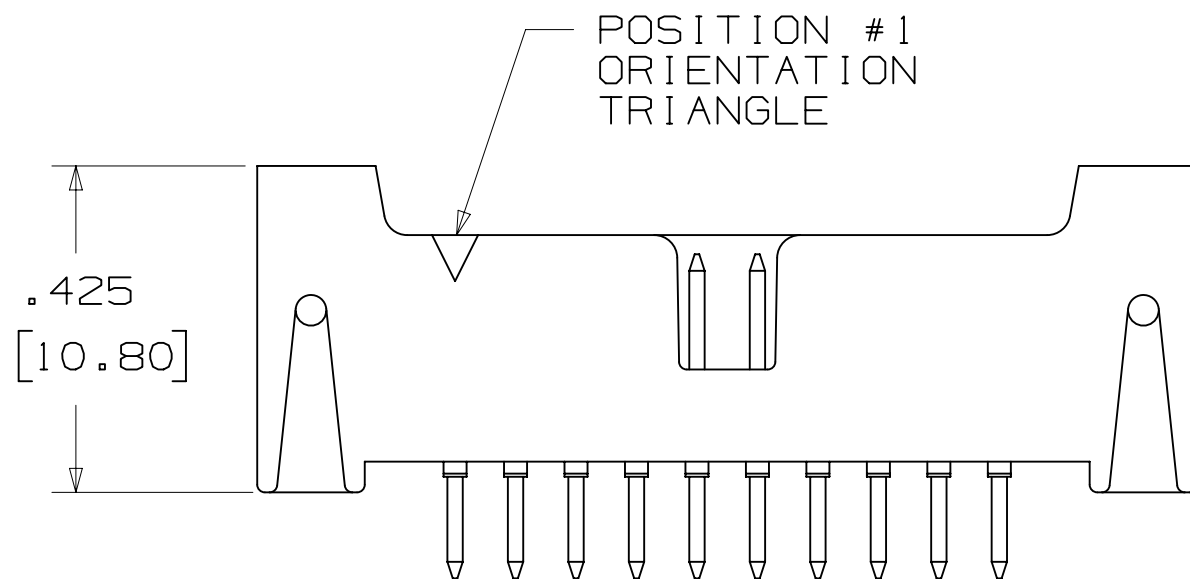
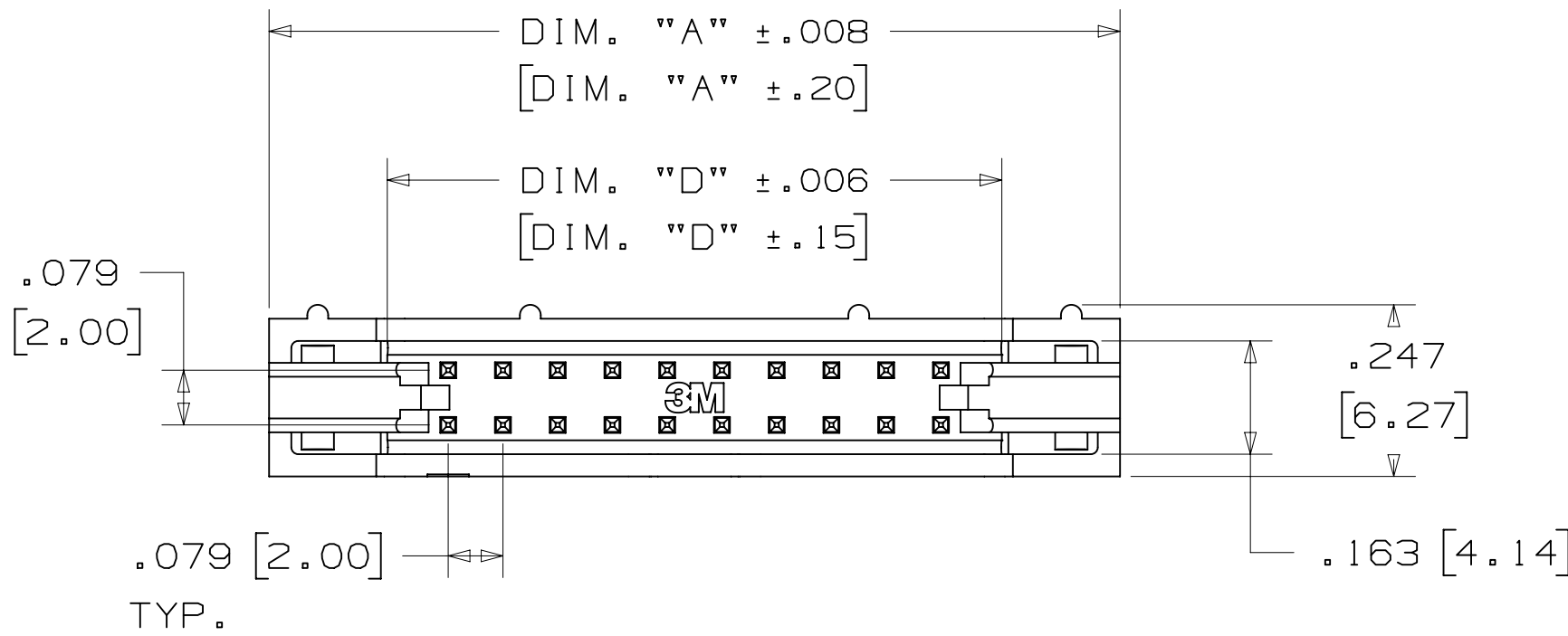
INSULATION RESISTANCE: > 1X10⁹ OHMS AT 500 V_{DC}
WITHSTANDING VOLTAGE (1552XX): 1000 V_{RMS} AT SEA LEVEL
WITHSTANDING VOLTAGE (G1552XX): 750 V_{RMS} AT SEA LEVEL

3 ENVIRONMENTAL :

TEMPERATURE RATING: -55°C TO +105°C
PROCESS RATING: MAXIMUM 260°C (PER J-STD-020)
MOISTURE SENSITIVITY LEVEL: 1 (PER J-STD-020)

7

TABLE 1							
CONTACT QTY.	DIM. "A"	DIM. "B"	DIM. "D"	LATCH OPTION	TAPE WIDTH	ORDER CODE	CONTACT QTY.
06	.673 [17.09]	.157 [4.00]	.333 [8.45]	2, 4	44 MM	WD	06
08	.752 [19.10]	.236 [6.00]	.411 [10.44]	2, 4	44 MM	WD	08
10	.831 [21.10]	.315 [8.00]	.490 [12.45]	2, 3, 4	44 MM	WD	10
12	.910 [23.10]	.394 [10.00]	.569 [14.45]	3, 4	44 MM	WD	12
16	1.067 [27.10]	.551 [14.00]	.726 [18.44]	2, 4	56 MM	WE	16
20	1.224 [31.09]	.709 [18.00]	.884 [22.45]	2, 3, 4	56 MM	WE	20
22	1.303 [33.10]	.787 [20.00]	.963 [24.46]	2, 4	56 MM	WE	22
24	1.382 [35.10]	.866 [22.00]	1.041 [26.44]	2, 4	56 MM	WE	24
26	1.461 [37.10]	.945 [24.00]	1.120 [28.45]	2, 3, 4	72 MM	WF	26
30	1.618 [41.10]	1.102 [28.00]	1.278 [32.46]	2, 4	72 MM	WF	30
34	1.774 [45.09]	1.260 [32.00]	1.435 [36.46]	2, 4	72 MM	WF	34
40	2.012 [51.10]	1.496 [38.00]	1.671 [42.44]	2, 3, 4	72 MM	WF	40
44	2.169 [55.09]	1.654 [42.00]	1.829 [46.46]	2, 3, 4	88 MM	WG	44
50	2.405 [61.09]	1.980 [48.00]	2.065 [54.45]	2, 3, 4	88 MM	WG	50



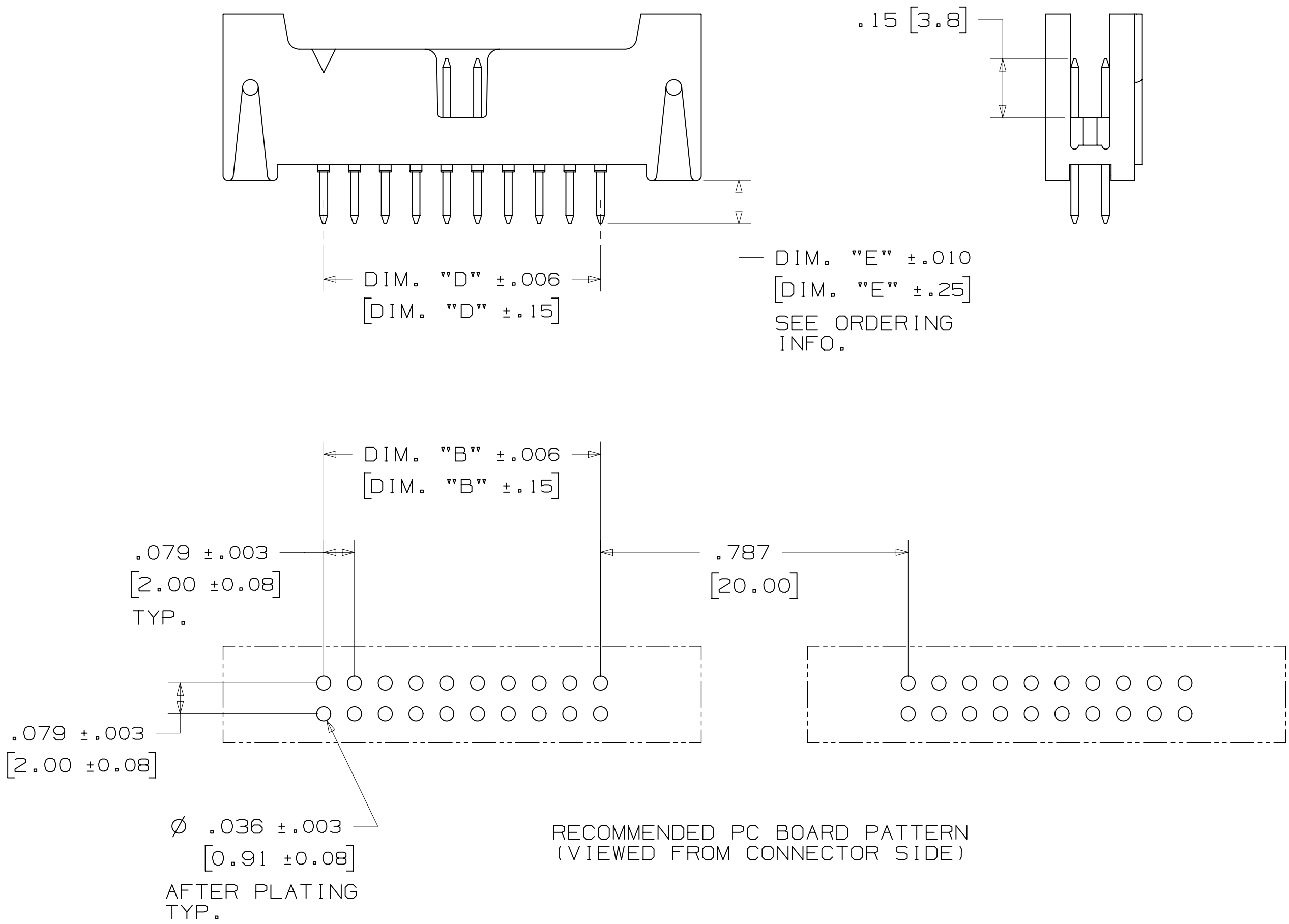
TYPICAL CONNECTOR DIMENSIONS
FOR THE HEADERS ON THIS DRAWING
(EXCEPT AS NOTED)

DIMENSIONS: MM [INCHES]

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ACCESS CODES				DRFT	CASTIGLIONE	DATE	JAN 21, 2015	MFG	DATE
				CHKD		DATE		APPV	DATE
								R. SCHERER	JAN 21, 2015
DIVISION		DIVISION CODE							
		EMSD							
DO NOT SCALE DRAWING		SCALE 4 1		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.			
		INCHES .00 ± .01 ± .000 ± .0008 ± .0000 ±		MILLIMETERS 0 ± .2 ± .00 ± .03 ± .00 ±		TITLE LATCH/EJECT HEADER, 2MM, STRAIGHT, RIGHT ANGLE & SMT			
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2009							
MAX. SURFACE ROUGHNESS  		MAX. SURFACES ☐ MARKED ONLY		CAGE NUMBER D		SIZE DRAWING NO. 78-5100-2199-7		REV. L	
				MODEL 1552		DET. LISTS		YES ☒ NO ☐ SHT 1 OF 4	

3M™ LATCH/EJECT HEADER, 1552 SERIES
2MM X 2MM STRAIGHT & RIGHT ANGLE, THROUGH-HOLE, STRAIGHT & SURFACE MOUNT

STRAIGHT VERSION



ORDERING INFORMATION

1552XX-6X0X-XX

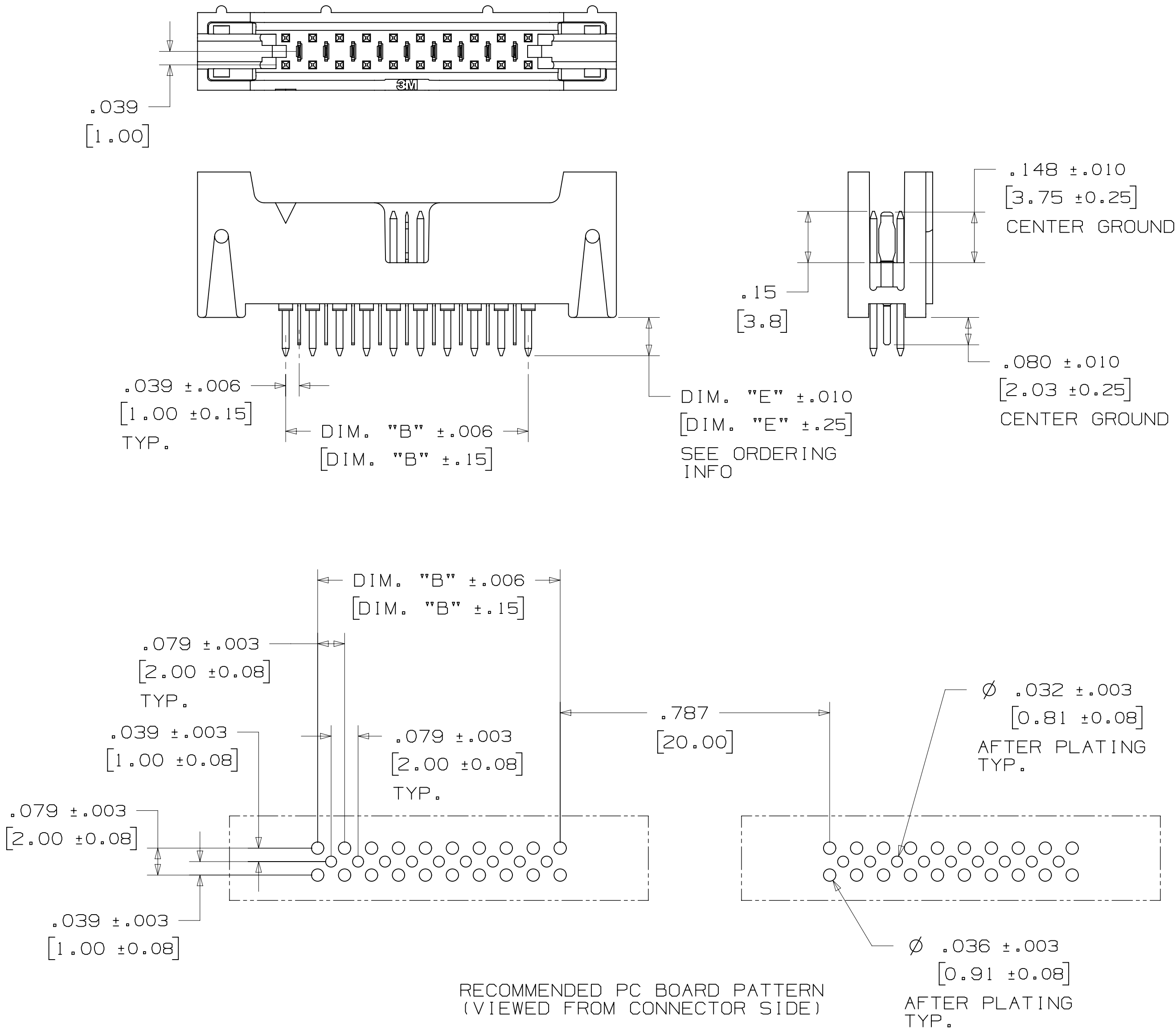
CONTACT QUANTITY: 6

LATCHING OPTIONS:
2 = LATCH, MOLDED-ON SOCKET WITH LATCHING EARS, SERIES: 870, 2MM
3 = LATCH, PRESS-ON SOCKET, SERIES: 1522
4 = LATCH, 2MM SCI CARRIER ONLY, SERIES: 93XX

PLATING OPTIONS:
RB = 30µIN [.76µm] GOLD
RA = 10µIN [.25µm] GOLD (RIA E1 & C1 APPLY) FOR BOTH PLATINGS

SOLDER TAIL LENGTH: DIMENSION "E"
2 = .112 [2.84]
3 = .155 [3.94]

STRAIGHT VERSION WITH INTERSTITIAL GROUNDS



ORDERING INFORMATION

G1552XX-6X0X-XX

CONTACT QUANTITY: 6

LATCHING OPTIONS:
4 = LATCH, 2MM SCI CARRIER ONLY, SERIES 93XX

PLATING OPTIONS:
RB = 30µIN [.76µm] GOLD
RA = 10µIN [.25µm] GOLD (RIA E1 & C1 APPLY) FOR BOTH PLATINGS

SOLDER TAIL LENGTH: DIMENSION "E"
2 = .112 [2.84]

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
XREF CODES				DRP	CASTIGLIONE	DATE	MFG	DATE	
				CHKD		DATE	APPR	DATE	
DIVISION		DIVISION CODE							
DO NOT SCALE DRAWING		SCALE 4 1		TOLERANCES EXCEPT AS NOTED					
		THIRD ANGLE PROJECTION		INCHES					
				.0 ±.01 .000 ±.008 .0000 ±.0000					
INTERPRET PER ASME Y14.5 - 2009				MILLIMETERS					
				0 ±.3 .00 ±.20 .000 ±.000					
MAX SURFACE ROUGHNESS		SURFACES		CAGE NUMBER					
☒ MARKED ONLY				D 78-5100-2199-7					
				MODEL 1552					
				LISTS ☐ YES ☒ NO SHT 2 OF 4					

L 58601

AUG 11, 2016
8-11-16 ADD SHT 4
REVISE TRADEMAKE NOTE
JUN 01, 2016
PRODUCTION RELEASE,
APR 29, 2016

JNC RS

3M

3M Center
St. Paul,
MN 55144

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TITLE

LATCH/EJECT HEADER,
2MM, STRAIGHT, RIGHT
ANGLE & SMT

CAGE NUMBER

D 78-5100-2199-7

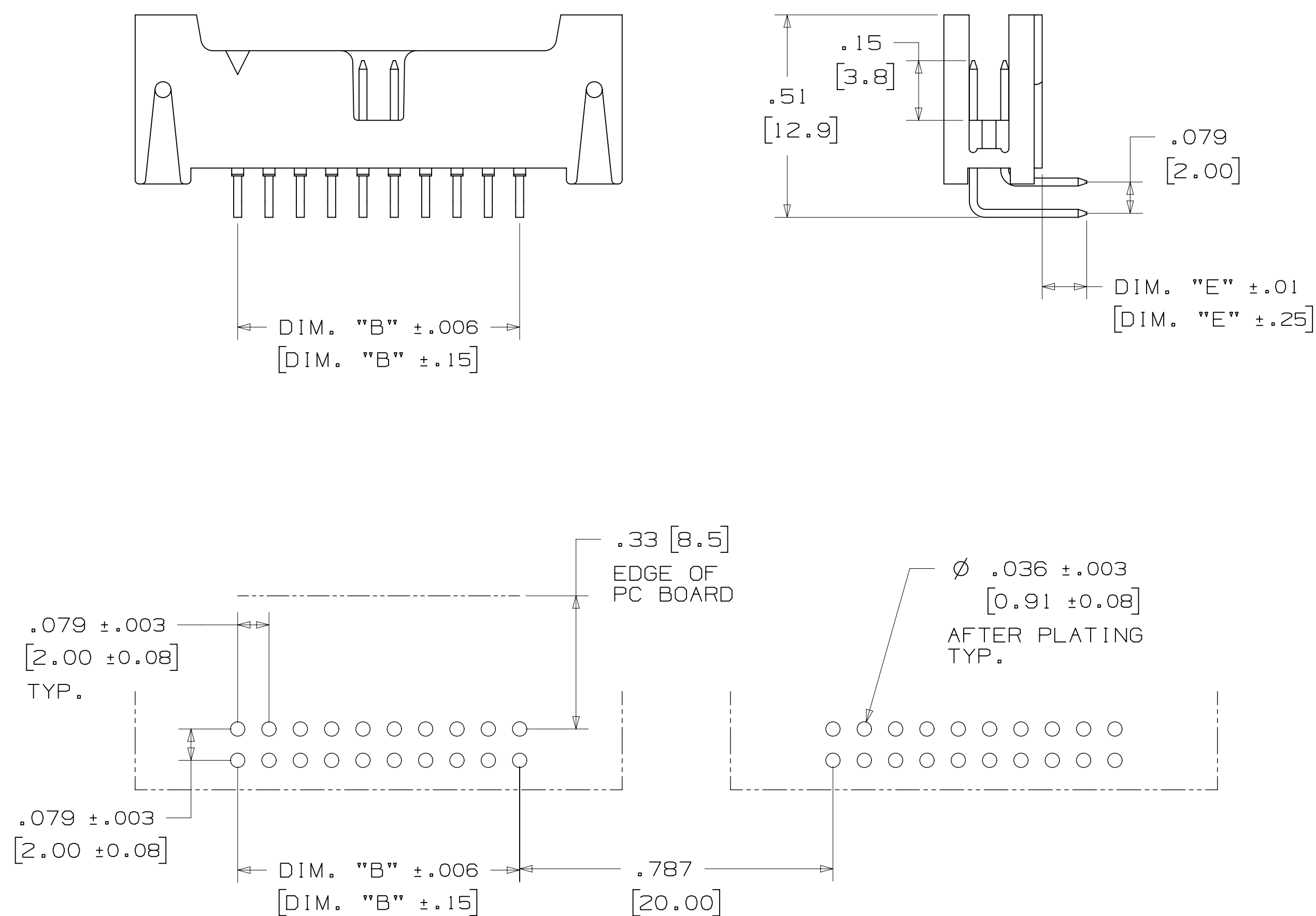
REV.

L

3M™ LATCH/EJECT HEADER, 1552 SERIES

2MM X 2MM STRAIGHT & RIGHT ANGLE, THROUGH-HOLE, STRAIGHT & SURFACE MOUNT

RIGHT ANGLE VERSION



RECOMMENDED PC BOARD PATTERN
(VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION

1552XX-5X0X-XX

CONTACT QUANTITY: -

LATCHING OPTIONS: _____
 2 = LATCH, MOLDED-ON SOCKET WITH
 LATCHING EARS, SERIES: 870, 2MM
 3 = LATCH, PRESS-ON SOCKET, SERIES: 1522
 4 = LATCH, 2MM SCI CARRIER ONLY,
 SERIES 93XX

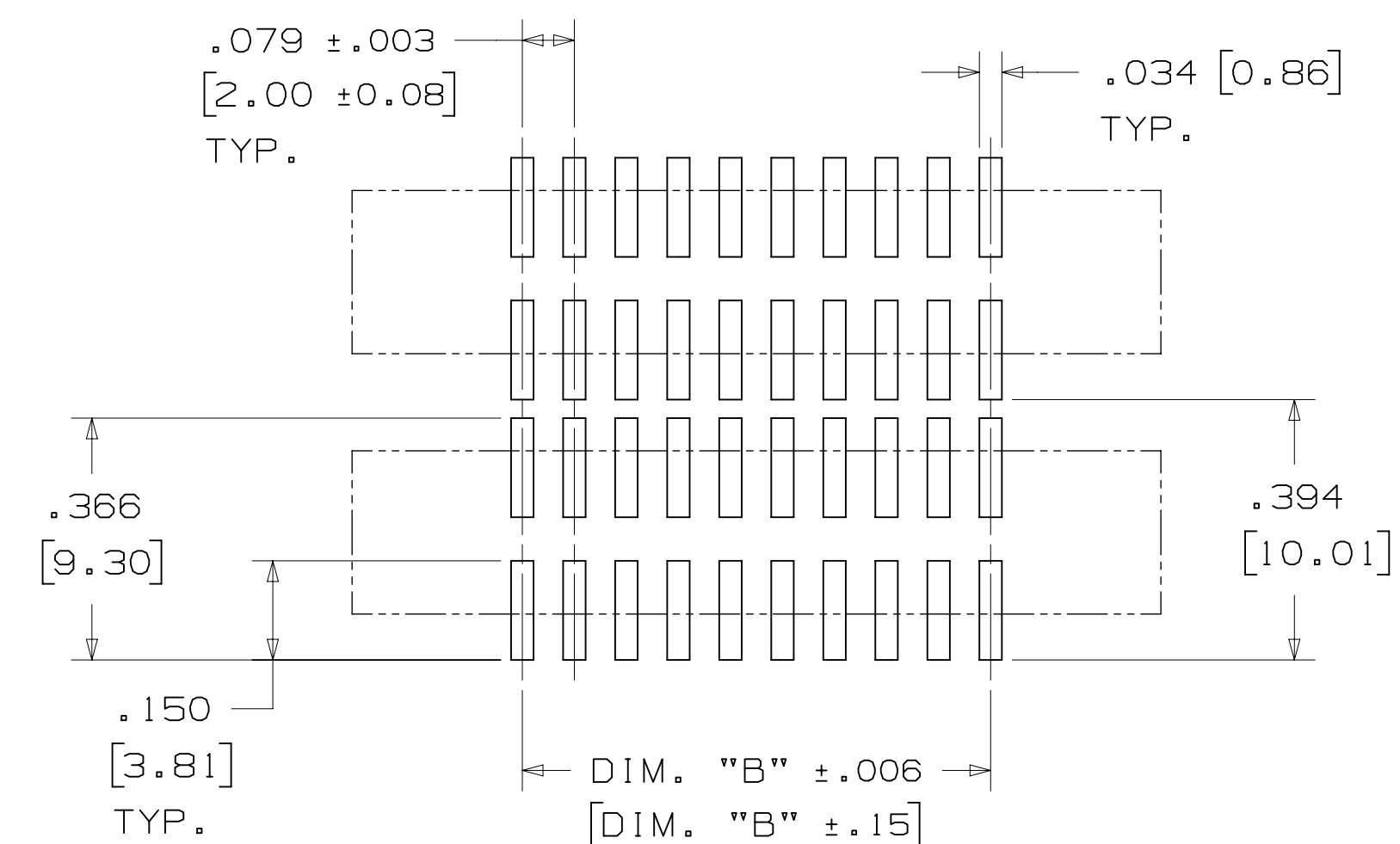
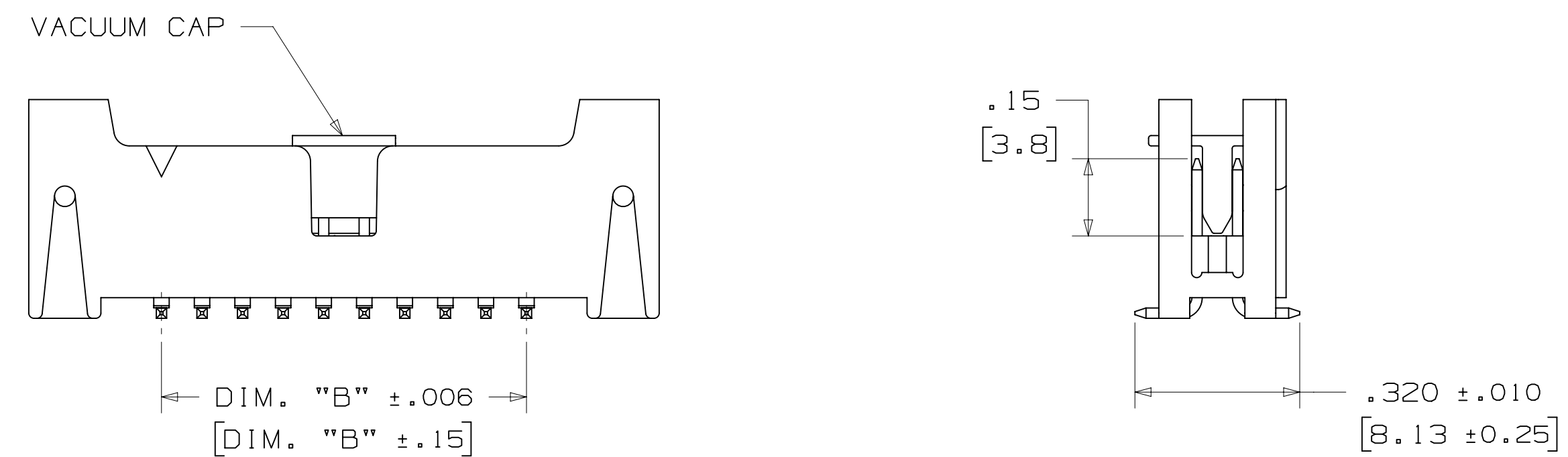
PLATING OPTIONS:
RB = 30 μ IN [.76 μ m] GOLD
RA = 10 μ IN [.25 μ m] GOLD
(RIA E1 & C1 APPLY) FOR
BOTH PLATINGS

- SOLDER TAIL LENGTH:
DIMENSION "E"
2 = .112 [2.84]
3 = .155 [3.94]

SURFACE MOUNT VERSION

NOTES :

- NOTES:
1) TAPE & REEL PARTS ALWAYS SUPPLIED WITH VACUUM PICK-UP CAP.
2) TAPE & REEL NOT AVAILABLE WITH SCI LATCH OPTION.
3) TRAY PARTS SUPPLIED WITHOUT VACUUM PICK-UP CAP.



RECOMMENDED PC BOARD PATTERN
(VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION

1552XX-2X00-XX-XX

CONTACT QUANTITY: —

LATCHING OPTIONS: _____

2 = LATCH, MOLDED-ON SOCKET WITH
LATCHING EARS, SERIES: 870, 2MM

3 = LATCH, PRESS-ON SOCKET, SERIES: 1522

4 = LATCH, 2MM SCI CARRIER ONLY,
SERIES 93XX

PACKAGING:
BLANK = TRAYS
WX = TAPE & REEL
(SEE TABLE 1 ORDER CODE)

PLATING OPTIONS: —
 RB = 30μIN [.76μm] GOLD
 RA = 10μIN [.25μm] GOLD
 (RIA E1 & C1 APPLY) FOR
 BOTH PLATINGS

DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION		DRAFT		CHKD	
ADDRESS 00000				PART CASTIGLIONE		DATE JAN 21, 2015		MFG R. SCHERER		DATE JAN 21, 2015			
DIVISION		DIVISION CODE EM50		3M Center St. Paul, MN 55144		3M		© 2013 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.					
DO NOT SCALE DRAWING		SCALE 1 4		TOLERANCES EXCEPT AS NOTED		TITLE LATCH/EJECT HEADER, 2MM, STRAIGHT, RIGHT ANGLE & SMT							
THIRD ANGLE PROJECTION		INCHES .00 ± .00 ±.01 .000 ±.00B .0000 ±		MILLIMETERS 0 ± 0 ±.3 .00 ±.20 .000 ±		CAGE NUMBER D		SIZE DRAWING NO. 5100-2199-7		REV. L			
INTERPRET PER ASME Y14.5 - 2009		MAY SURFACE ROUGHNESS ✓		MAY SURFACES ✓		MODEL 1552		DET. LISTS		YES ☒ NO ☐		SHT 3 OF 4	

3M™ LATCH/EJECT HEADER, 1552 SERIES
2MM X 2MM STRAIGHT & RIGHT ANGLE, THROUGH-HOLE, STRAIGHT & SURFACE MOUNT

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L		58601		AUG 11, 2016		JNC		RS	
				8-11-16 ADD SHT 4					
				REVISE TRADEMAKE NOTE					
				JUN 01, 2016					
				PRODUCTION RELEASE,					
				APR 29, 2016					
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ACCESS CODES				DRG	CASTIGLIONE	DATE	JUN 21, 2015	MFG	DATE
				CHKD		DATE		APPR'L	DATE
								R. SCHERER	JUN 21, 2015
DIVISION		DIVISION CODE		3M Center		© 3M COPYRIGH 2017			
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SCALE 1/1									
		INCHES		TITLE					
THIRD ANGLE PROJECTION		.00 ± .01 .000 ± .00B .0000 ±		LATCH/EJECT HEADER, 2MM, STRAIGHT, RIGHT ANGLE & SMT					
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS		CAGE NUMBER		SIZE		REV.	
MAX SURFACE ROUGHNESS		0 ± .00 ± .3 .000 ± .20		D		78-5100-2199-7		L	
MIN SURFACE FINISH		0 ± .00 ± .20 .000 ±		MODEL		1552		DET. LISTS ☐ YES ☒ NO	
✓ ☐ MARKED ONLY		ANGLES						SHT 4 OF 4	



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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