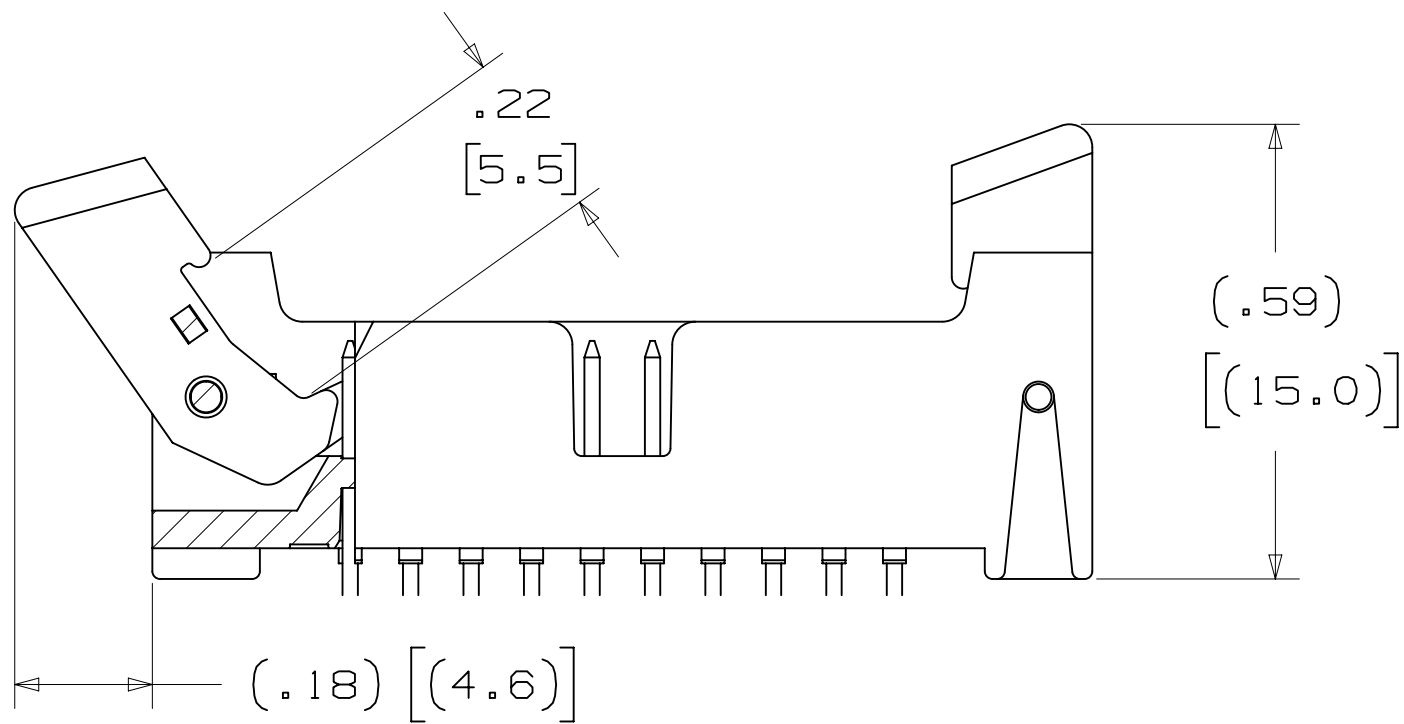
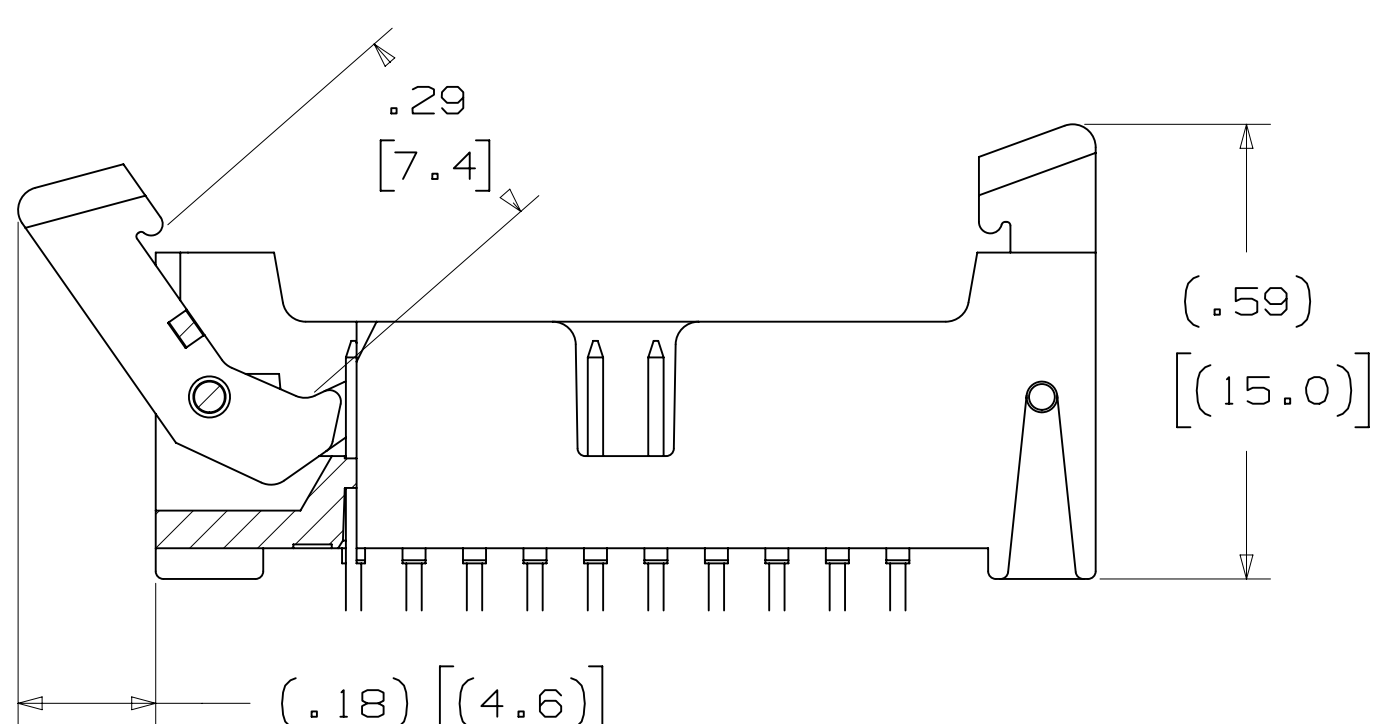


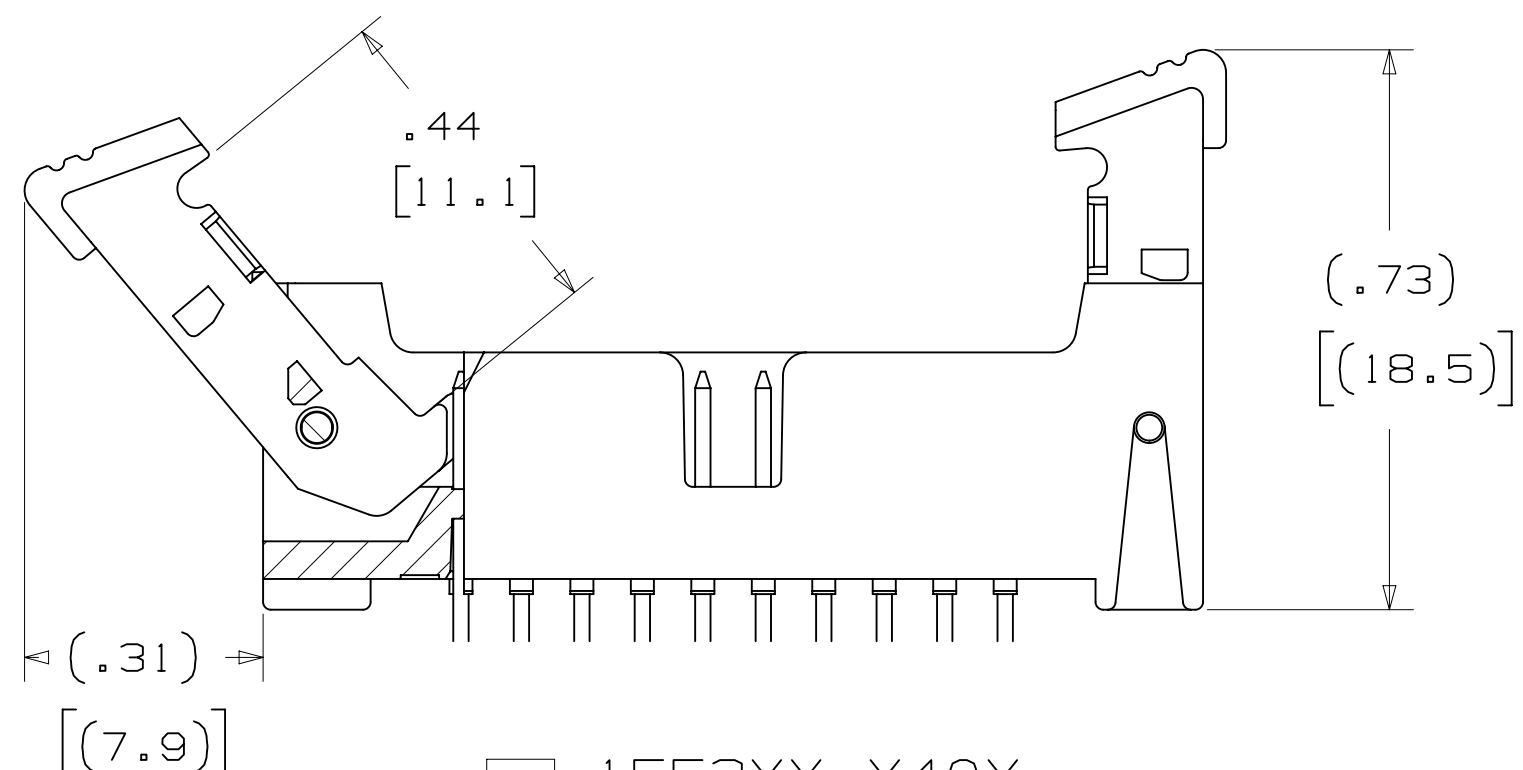
3M™ LATCH/EJECT HEADER, 1552 SERIES
2MM X 2MM STRAIGHT & RIGHT ANGLE, THROUGH-HOLE, STRAIGHT & SURFACE MOUNT



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.

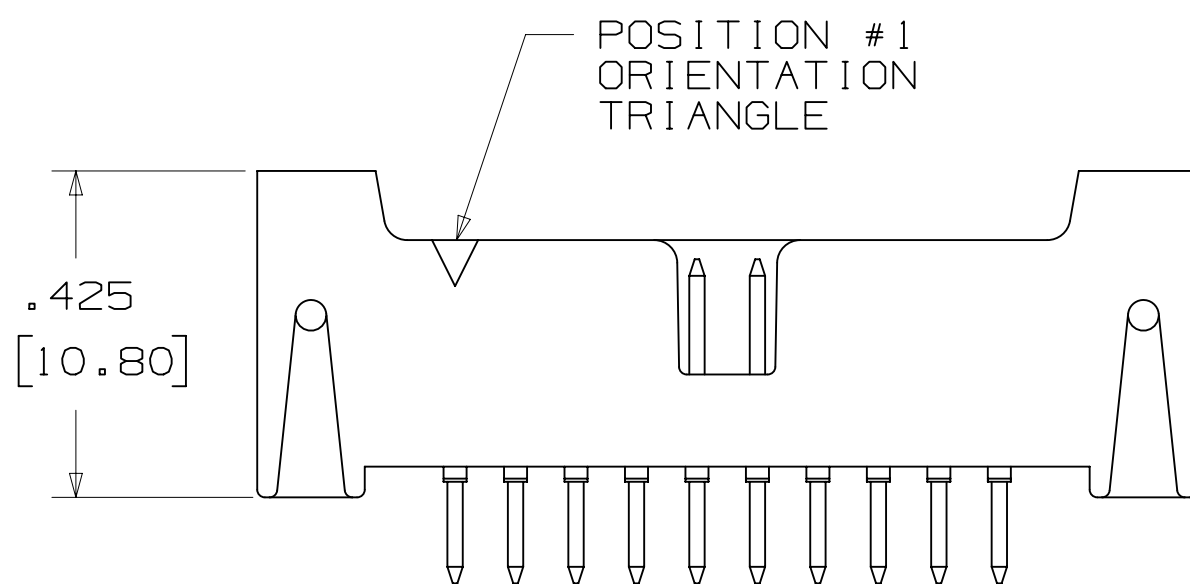
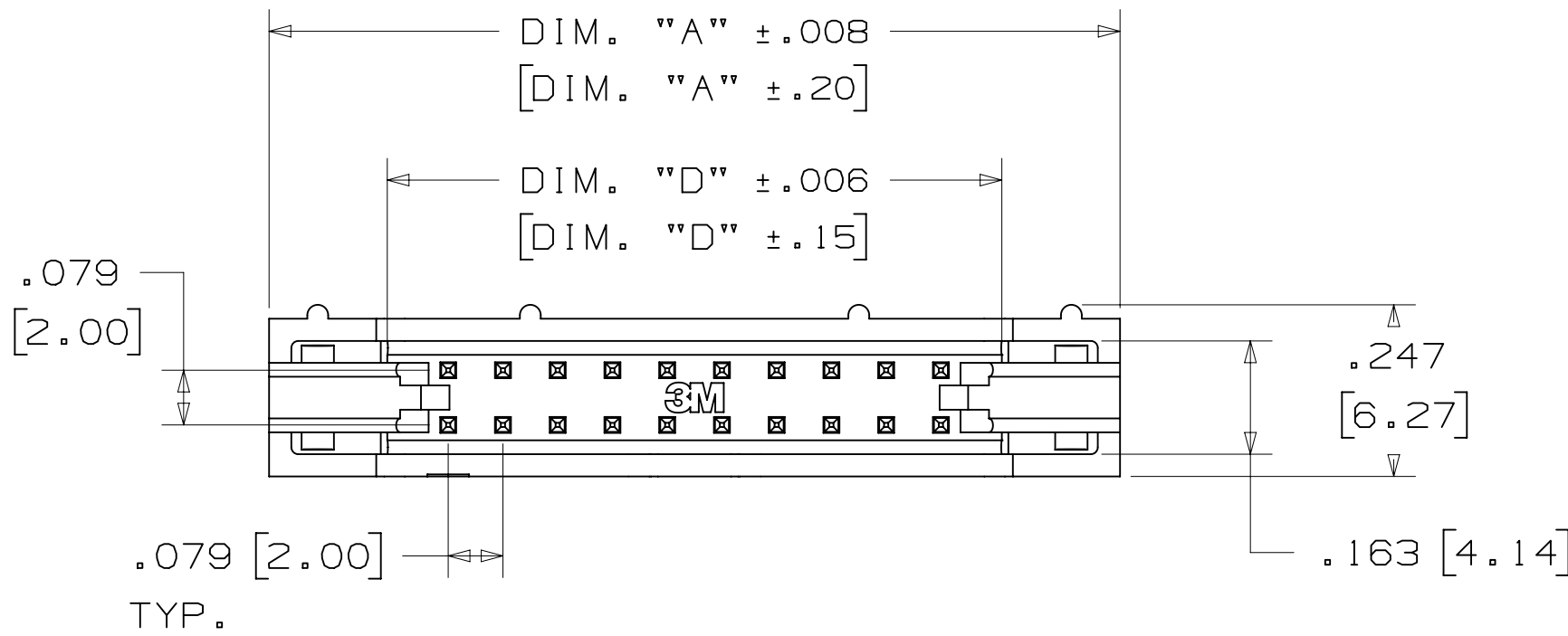
INSULATION RESISTANCE: > 1X10⁹ OHMS AT 500 V_{DC}
WITHSTANDING VOLTAGE (1552XX): 1000 V_{RMS} AT SEA LEVEL
WITHSTANDING VOLTAGE (G1552XX): 750 V_{RMS} AT SEA LEVEL

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

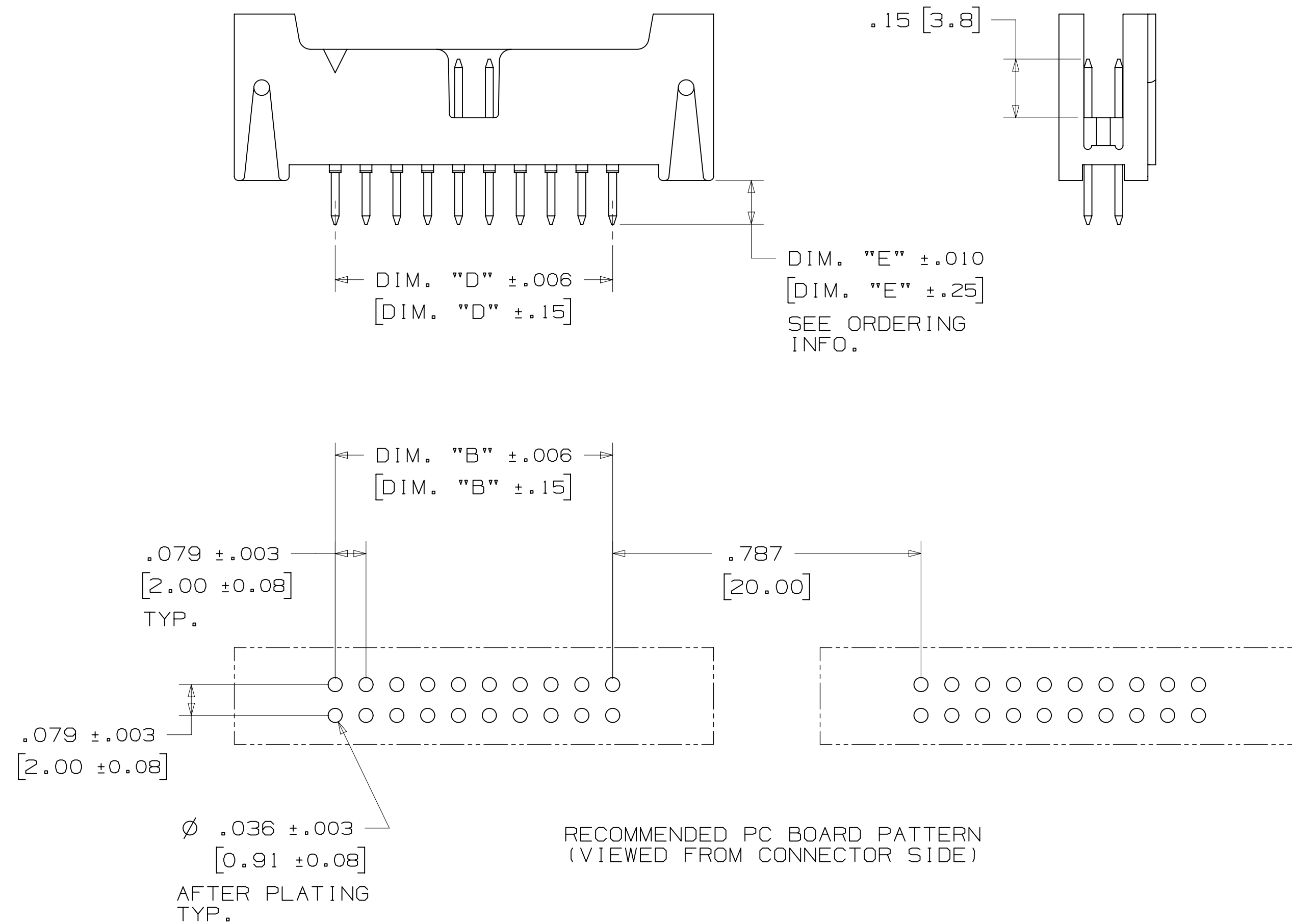


TYPICAL CONNECTOR DIMENSIONS
FOR THE HEADERS ON THIS DRAWING
(EXCEPT AS NOTED)

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		APPR	DATE
								R. SCHERER	JAN 21, 2015
DIVISION		DIVISION CODE		© 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.					
		EMSD							
DO NOT SCALE DRAWING		SCALE 4 1							
TOLERANCES EXCEPT AS NOTED				3M 3M Center St. Paul, MN 55144					
		INCHES		TITLE LATCH/EJECT HEADER, 2MM, STRAIGHT, RIGHT ANGLE & SMT					
THIRD ANGLE PROJECTION									
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS		CAGE NUMBER SIZE DRAWING NO. REV. D 78-5100-2199-7 L					
MAX. SURFACE ROUGHNESS		.00 ± .30		MODEL 1552 LIST. YES ☒ NO ☐ SHT 1 OF 4					
MAX. SURFACES		.00 ±							
☒ MARKED ONLY		.00 ±							

STRAIGHT VERSION



ORDERING INFORMATION

1552XX-6X0X-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:

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

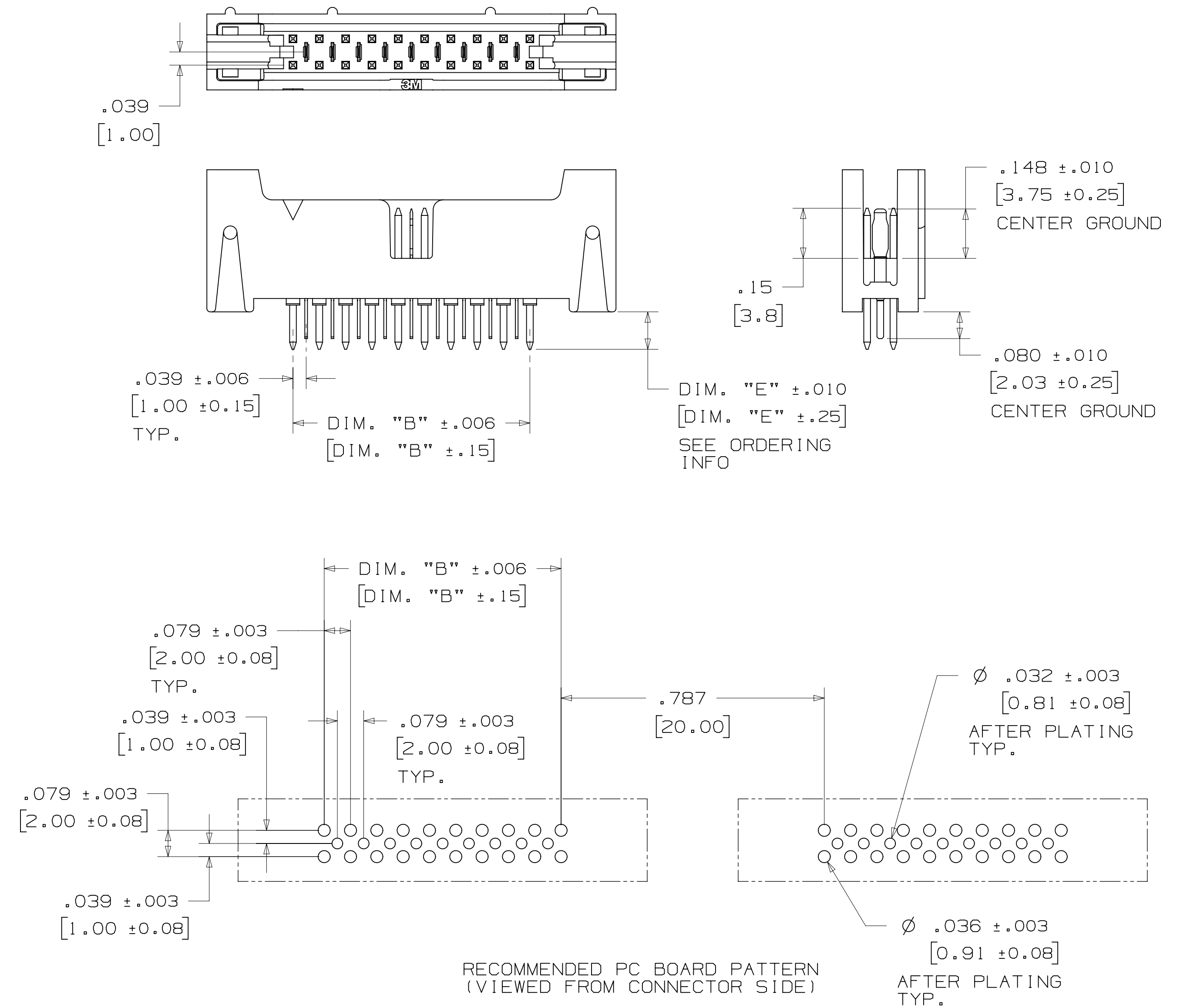
- SOLDER TAIL LENGTH:

```

DIMENSION "E"
2 = .112 [ 2.84 ]
3 = .155 [ 3.94 ]

```

STRAIGHT VERSION WITH INTERSTITIAL GROUNDS



ORDERING INFORMATION

G 1552 XX - 6 X 0 X - XX

CONTACT QUANTITY: -

LATCHING OPTIONS: _____
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:

```

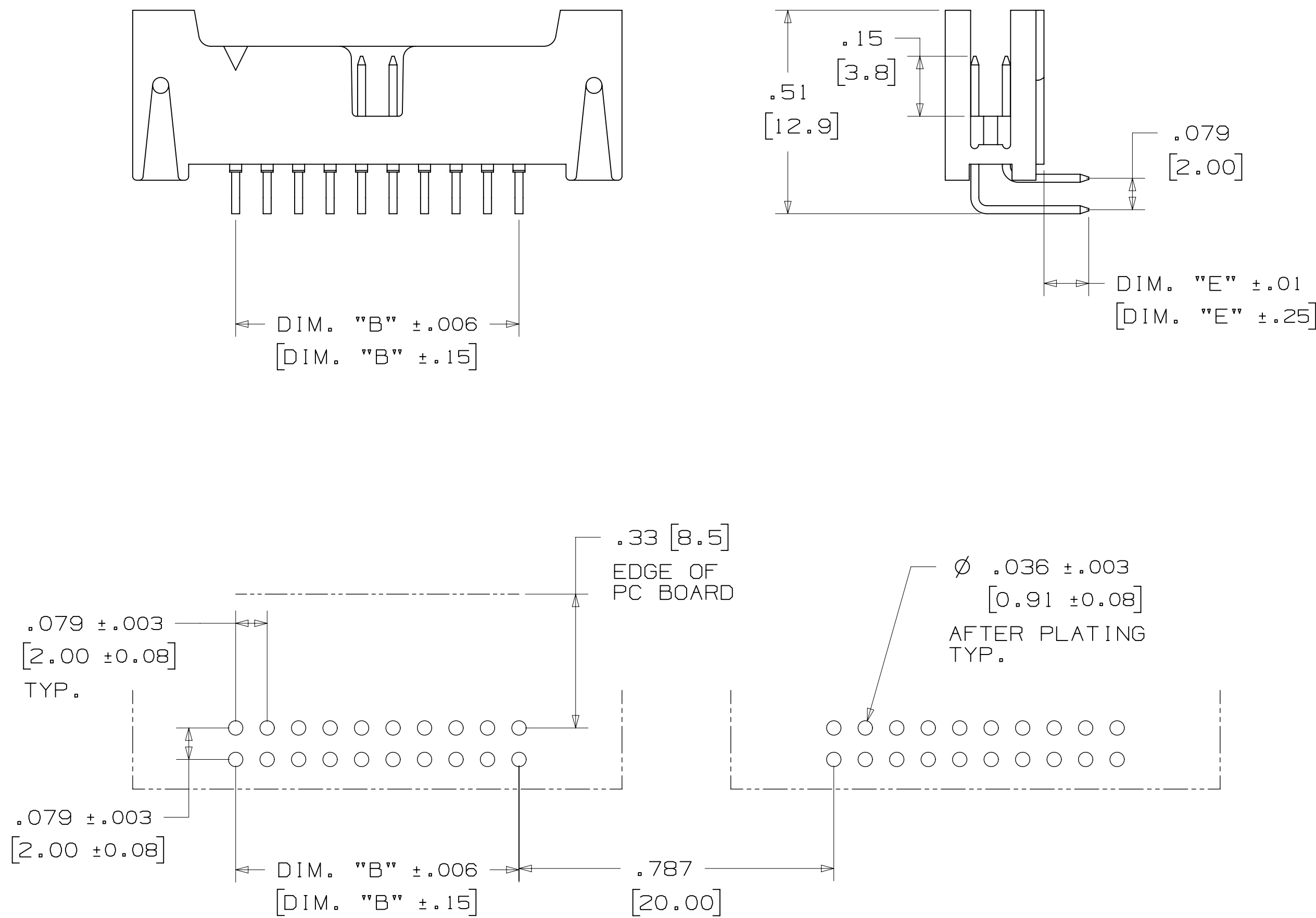
DIMENSION "E"
2 = .112 [ 2.84 ]

```

DESIGN REFERENCE			NEXT			ASSEMBLY			REV		ECO		ISSUE DATE AND DESCRIPTION				DRFT		CHKD	
ADDRESS CODES									DATE		DATE		MFG		DATE				DATE	
									CAST1G1L1ONE		JAN 21,2015		APPRV		R. SCHERER				JAN 21,2015	
DIVISION						DIVISION CODE			CHKD		DATE									
						EMSD														
DO NOT SCALE DRAWING			SCALE 4 1			TOLERANCES EXCEPT AS NOTED					3M Center St. Paul, MN 55144		© 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																	
THIRD ANGLE PROJECTION						MILLIMETERS			TITLE LATCH/EJECT HEADER, 2MM, STRAIGHT, RIGHT ANGLE & SMT		CAGE NUMBER D 78-5100-2199-7		DRAWING NO. 5100-2199-7		REV. L					
INTERPRET PER ASME Y14.5 - 2009			MAX. SURFACE ROUGHNESS 			MAX. SURFACES 														
MAX. SURFACE ROUGHNESS 			MAX. SURFACES 			ANGLES 			MODEL		1552		DET. LISTS ☒ YES ☒ NO		SHT 2 OF 4					

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:

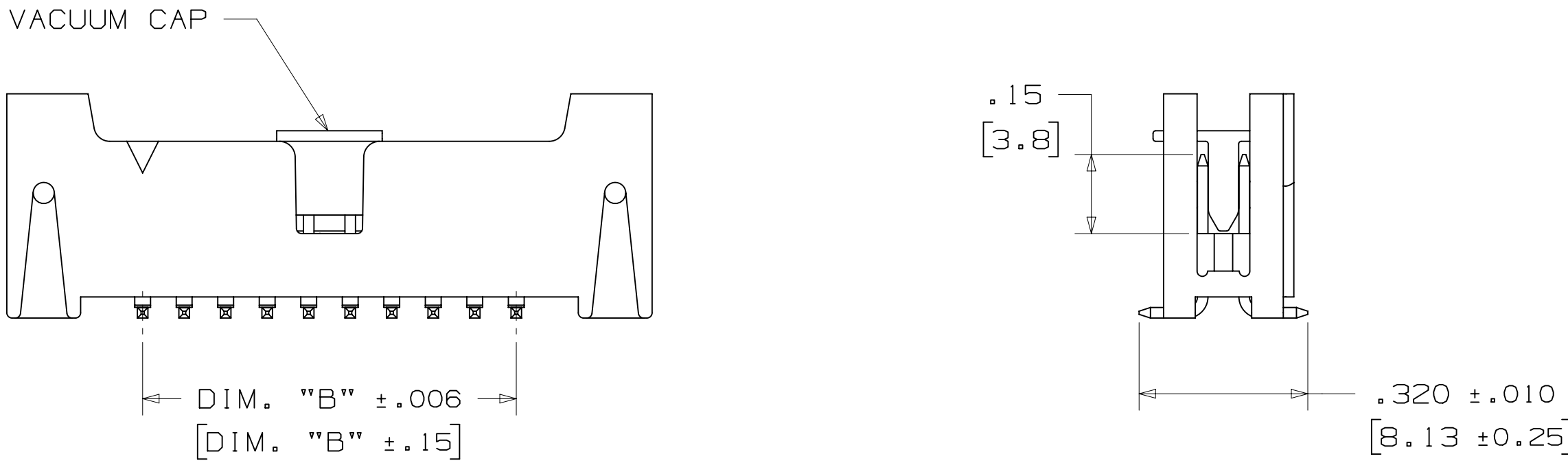
LATCHING OPTIONS:
2 = LATCH, MOLDED-ON SOCKET WITH
LATCHING EARS, SERIES: 870, 2MM
3 = LATCH, PRESS-ON SOCKET, SERIES: 1522
4 = LATCH, 2MM SCI CARRIER ONLY,
SERIES 93XX

PLATING OPTIONS:
RB = 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]

SURFACE MOUNT VERSION

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	DRFT	CHKD
1552XX-2X00-XX-XX		1		8-11-16 ADD SHT 4		
1552XX-2X00-XX-XX		2		REVISE TRADEMAKE NOTE		
1552XX-2X00-XX-XX		3		JUN 01, 2016		
1552XX-2X00-XX-XX		4		PRODUCTION RELEASE,		
1552XX-2X00-XX-XX		5		APR 29, 2016		
1552XX-2X00-XX-XX		6				
1552XX-2X00-XX-XX		7				
1552XX-2X00-XX-XX		8				
1552XX-2X00-XX-XX		9				
1552XX-2X00-XX-XX		10				
1552XX-2X00-XX-XX		11				
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3M™ LATCH/EJECT HEADER, 1552 SERIES

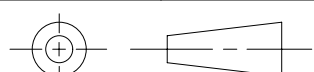
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L		58601		AUG 11, 2016		JNC		RS	
				8-11-16 ADD SHT 4					
				REVISE TRADEMAKE NOTE					
				JUN 01, 2016					
				PRODUCTION RELEASE,					
				APR 29, 2016					
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ACCESS CODES				DRW	CASTIGLIONE	DATE	JUN 21, 2015	MFG	DATE
				CHKD		DATE		APPRVL	DATE
								R, SCHERER	JAN 21, 2015
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DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED 				INCHES .0 .00 ± .01 .000 ± .008 .0000 ±			
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2009 MAX SURFACE ROUGHNESS MAX SURFACES ☒ MARKED ONLY		MILLIMETERS 0 ± .0 ± .3 .00 ± .20 .000 ±		TITLE LATCH/EJECT HEADER, 2MM, STRAIGHT, RIGHT ANGLE & SMT			
				CAGE NUMBER D78-5100-2199-7		SIZE DRAWING NO.		REV. L	
				MODEL 1552		DET. LISTS ☐ YES ☒ NO		SHT 4 OF 4	



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

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- 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;
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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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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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