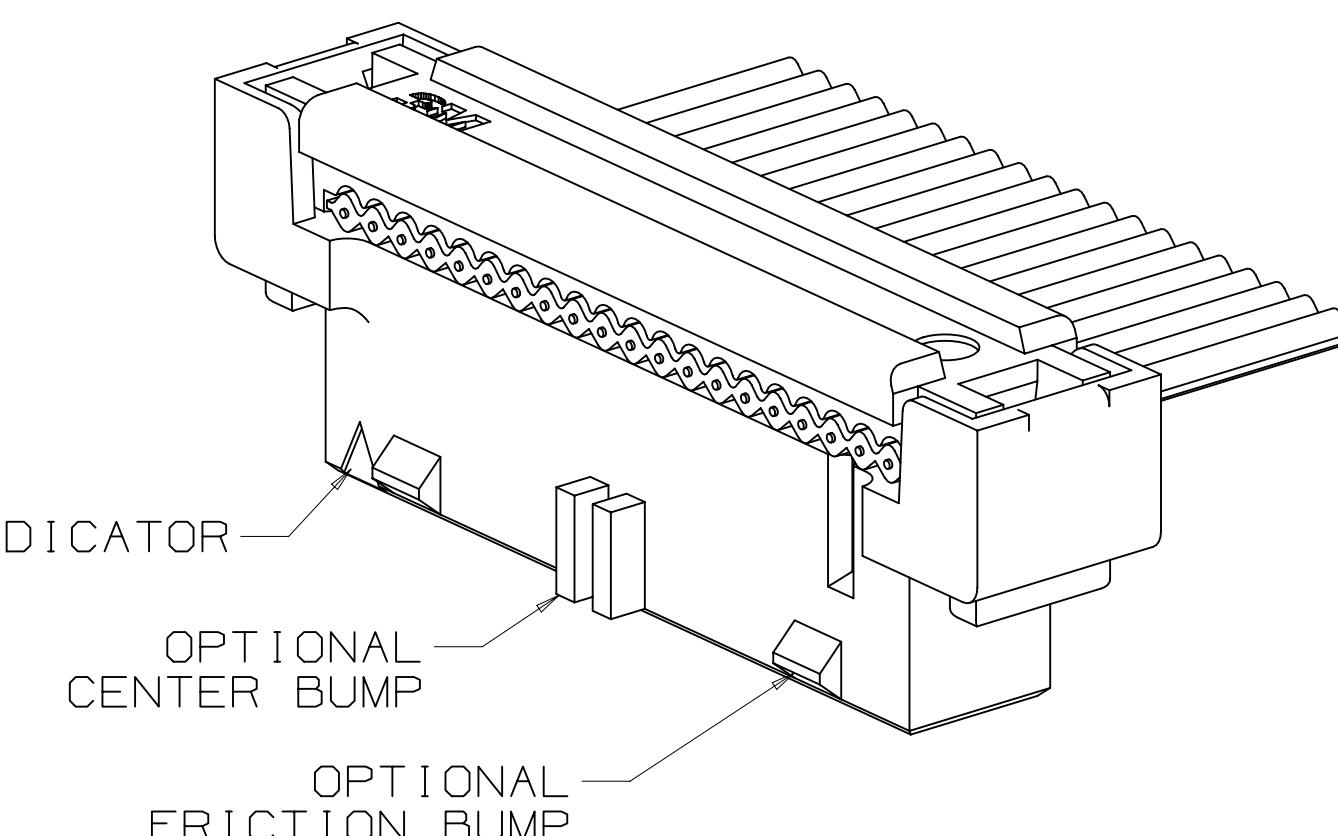
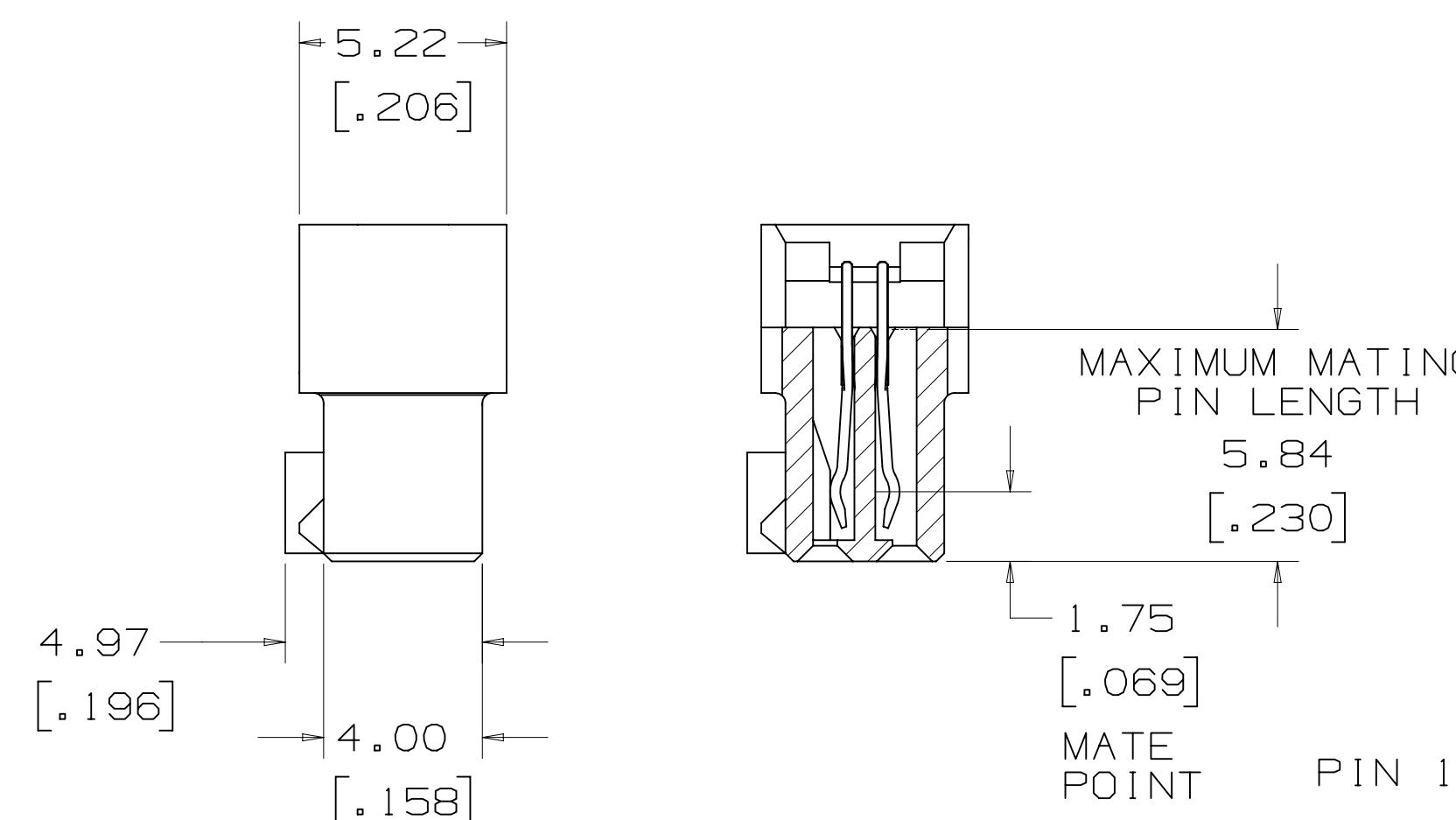
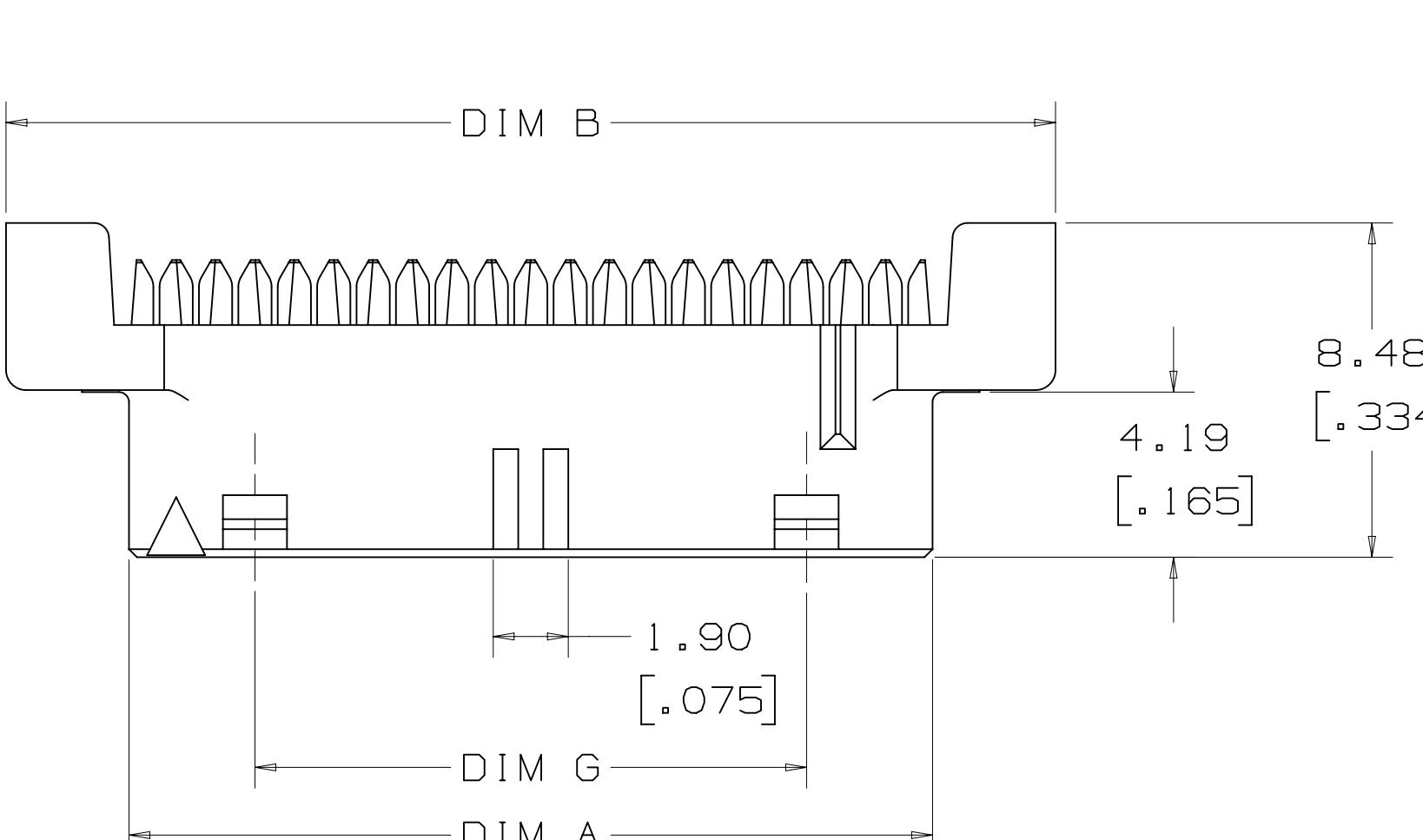
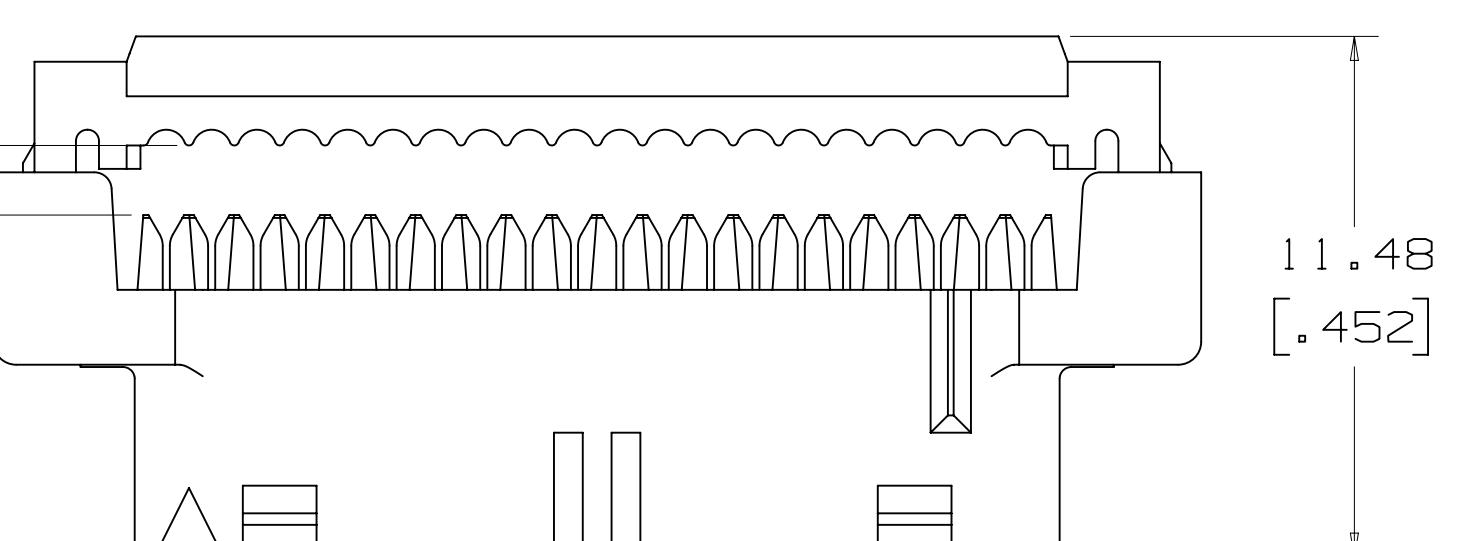
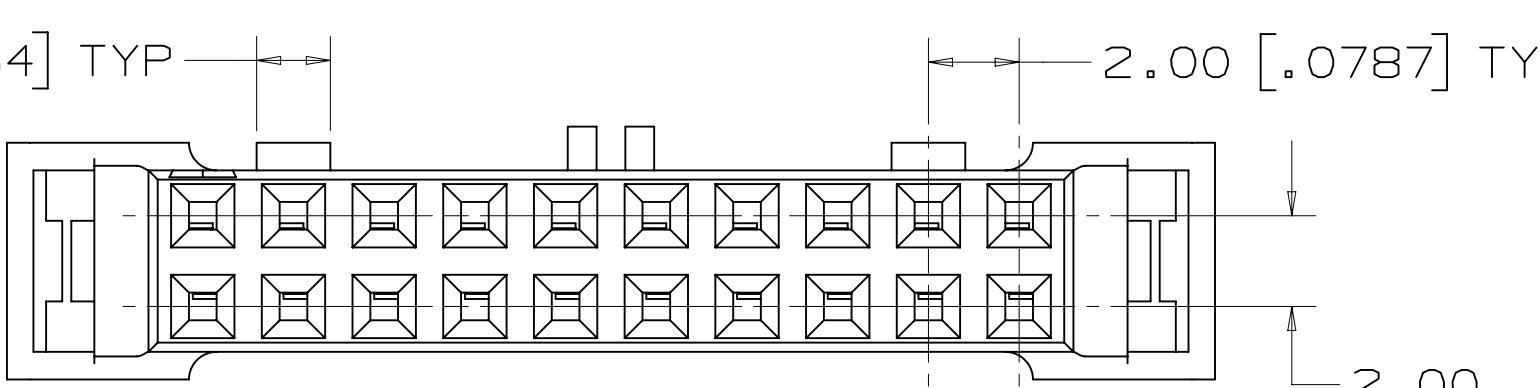


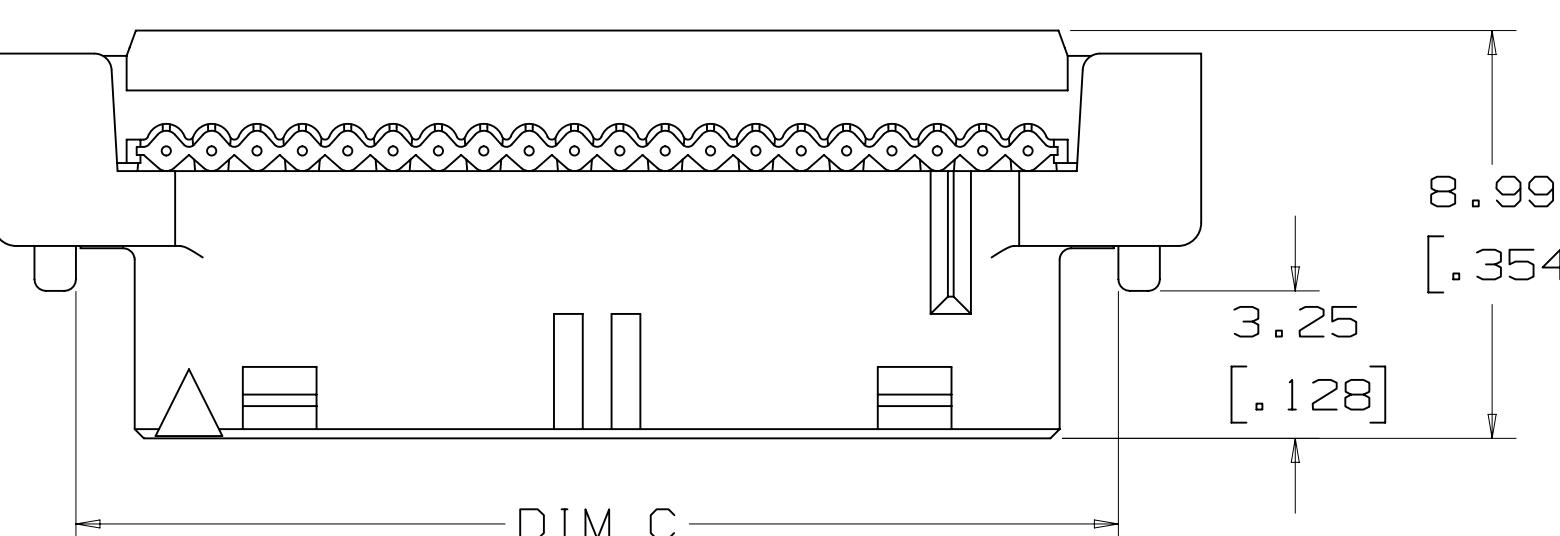
3M™ Ribbon Cable Socket 2 mm X 2 mm Pitch 158 Series



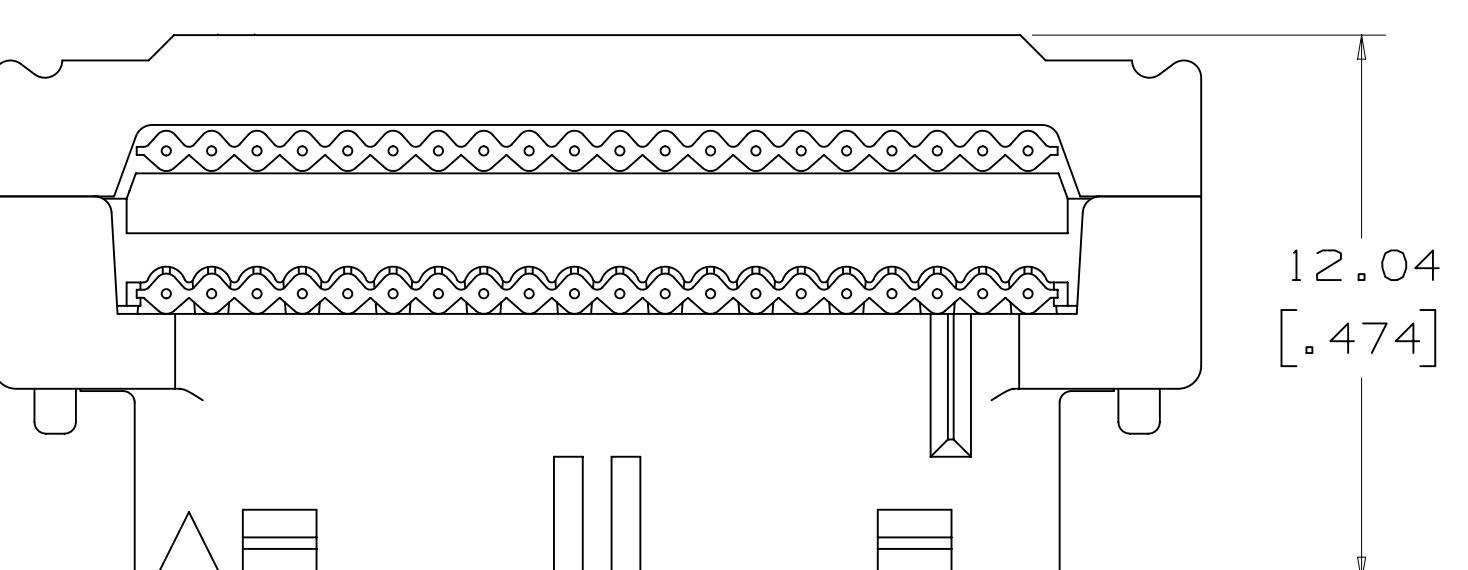
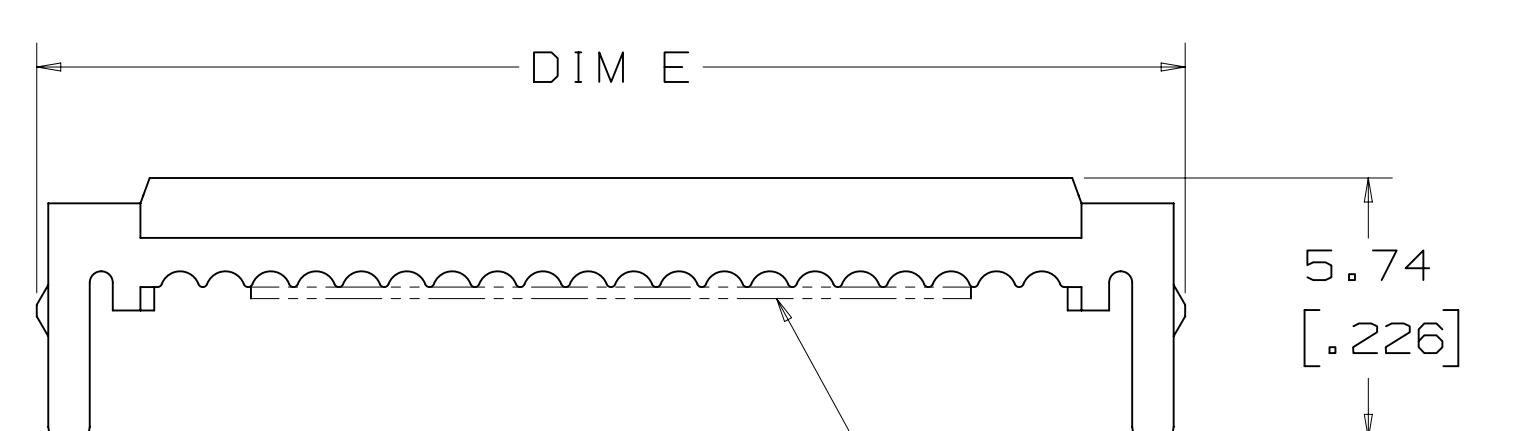
1.63 [.064] TYP  2.00 [.0787] TYP 



PREASSEMBLED HEIGHT WITH COVER



ASSEMBLED HEIGHT WITH COVER



ASSEMBLED HEIGHT WITH COVER AND STRAIN RELIEF

PERFORMANCE 7 8

CURRENT : 1.25 A, ALL LINES ENERGIZED
2.00 A, 6 LINES ENERGIZED
2.75 A, 1 LINE ENERGIZED

INSULATION RESISTANCE: $>1 \times 10^9$ OHMS AT 500 VDC

WITHSTANDING VOLTAGE: 500 VACrms AT SEA LEVEL

TEMPERATURE RATING: - 55 °C TO + 125 °C

DESIGN REFERENCE		NEXT ASSEMBLY	
ACCESS CODES			
DIVISION		DIVISION CODE	
DO NOT SCALE DRAWING	SCALE 6 1	TOLERANCE EXCEPT NOTED	
 		INCHES	
		.0 ± .00 ± .000 ± .0000 ±	
THIRD ANGLE PROJECTION			
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS	
		0 ± .0 ± .00 ± .000 ±	0 ± .5 ± .1 ± .0 ±
MAX SURFACE ROUGHNESS			
125 ✓		ALL SURFACES	
		<input checked="" type="checkbox"/> MARKED ONLY	
		ANGLES ± 1	

NOTES

MATERIAL :

BODY : HIGH TEMP GLASS
FILLED POLYESTER,
GRAY UL94V-0
CONTACTS : COPPER ALLOY

PLATING :

2.03-3.81 μm [80-150 μin]
NICKEL UNDERPLATE
0.38 μm [15 μin] OR
0.76 μm [30 μin] AVG
GOLD ON WIPING AREA.

RIBBON CABLE :

RECOMMENDED : 3M™ 3625
(28 AWG, 7 STRAND).

APPLICATION TOOLS :

3460 PRESS (OR EQUIVALENT)
3443-119 LOCATOR PLATE,
3442-9 PLATEN
SEE 3M INSTRUCTION SHEET
78-9101-2810-3.

MATES WITH 3M™ HEADERS
159 SERIES (REFERENCE 3M
DRAWING 78-5100-2359-7).
(0.51 mm [.020 in] SQ,
CROWNED PINS).

SEE THE REGULATORY
INFORMATION APPENDIX (RIA)
IN THE "RoHS COMPLIANCE"
SECTION OF
WWW.3MCONNECTOR.COM FOR
COMPLIANCE INFORMATION
(RIA E1 & C1 APPLY).

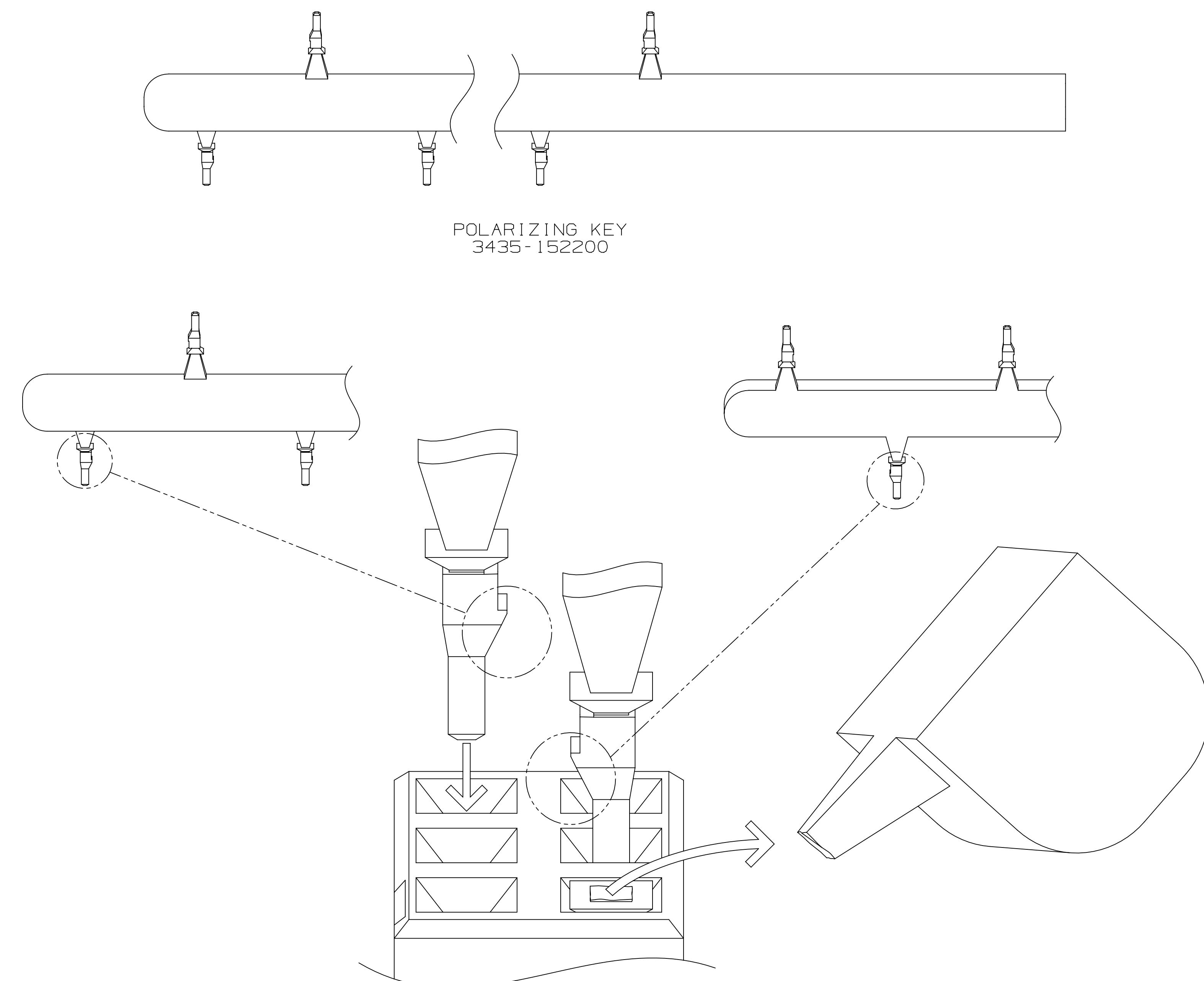
FOR PRODUCT SPECIFICATIONS
AND WARRANTY INFORMATION
SEE 3M 78-5102-0078-1.

IN THE EVENT OF CONFLICT
BETWEEN THIS DATA AND
THAT CONTAINED IN THE
PRODUCT SPECIFICATION,
THE PRODUCT SPECIFICATION
TAKES PRECEDENT.

73037	OCT 27, 2017 UPDATED PERFORMANCE TABLE REMOVED REV D, E, F HISTORY	SBC	SAN
30741	OCT 28, 2010	LPS	SF

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3M RIBBON CABLE SOCKET 2 MM x 2 MM PITCH 158 SERIES			
CAGE NUMBER D	SIZE D	DRAWING NO. 78-5100-2358-9	REV. G
DEL		DET. LISTS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	SHT 1 OF 3

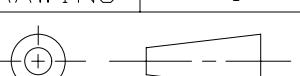
3M™ Ribbon Cable Socket 2 mm X 2 mm Pitch 158 Series



POLARIZING KEY ORIENTATION AND INSTALLATION

RIBBON CABLE SOCKET ACCESSORIES

METRIC [ENGLISH]

DESIGN REFERENCE				NEXT ASSEMBLY		HISTORY				
ACCESS CODES				A	30741	OCT 28, 2010		LDS	SF	
				REV	ECO	INITIAL RELEASE				
				DRFT	L. SCHMIDT	DATE	MFG	DATE		
				CHKD		JUL 23, 2010		APPVPL	DATE	
							S. FELDMAN	JUL 30, 2010		
DIVISION		DIVISION CODE		3M		© 3M COPYRIGHT 2017				
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 THIRD ANGLE PROJECTION		INCHES		TITLE		3M RIBBON CABLE SOCKET 2 MM x 2 MM PITCH 158 SERIES				
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS								
MAX SURFACE ROUGHNESS 125		0 \pm 2								
<input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY		.0 \pm .5								
		.00 \pm .13								
		.000 \pm .005								
		ANGLES \pm 1°		MODEL		DET. LISTS		REV. G		
						<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		SHT 3 OF 3		

2358-9 | G
REVISION

A

3M™ Ribbon Cable Socket 2 mm X 2 mm Pitch 158 Series

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		G	73037	OCT 27, 2017	SBC	SAN	
		UPDATED PERFORMANCE TABLE					
		REMOVED REV D, E, F HISTORY					
		A	30741	OCT 28, 2010	LDS	SF	
		REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD	
DESIGN REFERENCE		NEXT ASSEMBLY		DRFT L. SCHMIDT	DATE JUL 23, 2010	MFG	DATE
ACCESS CODES				CHKD	DATE	APPVL S. FELDMAN	DATE JUL 30, 2010
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DO NOT SCALE DRAWING	SCALE <u>1</u> <u>1</u>	TOLERANCES EXCEPT AS NOTED		3M			
THIRD ANGLE PROJECTION		INCHES		TITLE		3M RIBBON CABLE SOCKET 2 MM × 2 MM PITCH 158 SERIES	
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS					
MAX SURFACE ROUGHNESS 125 <input type="checkbox"/> ALL SURFACES ✓ <input checked="" type="checkbox"/> MARKED ONLY		0 \pm 2 0 \pm .5 .00 \pm .13 .000 \pm .005		CAGE NUMBER	SIZE D	DRAWING NO. 78-5100-2358-9	REV. G
				MODEL	DET.	125	SUT 2 OF 2