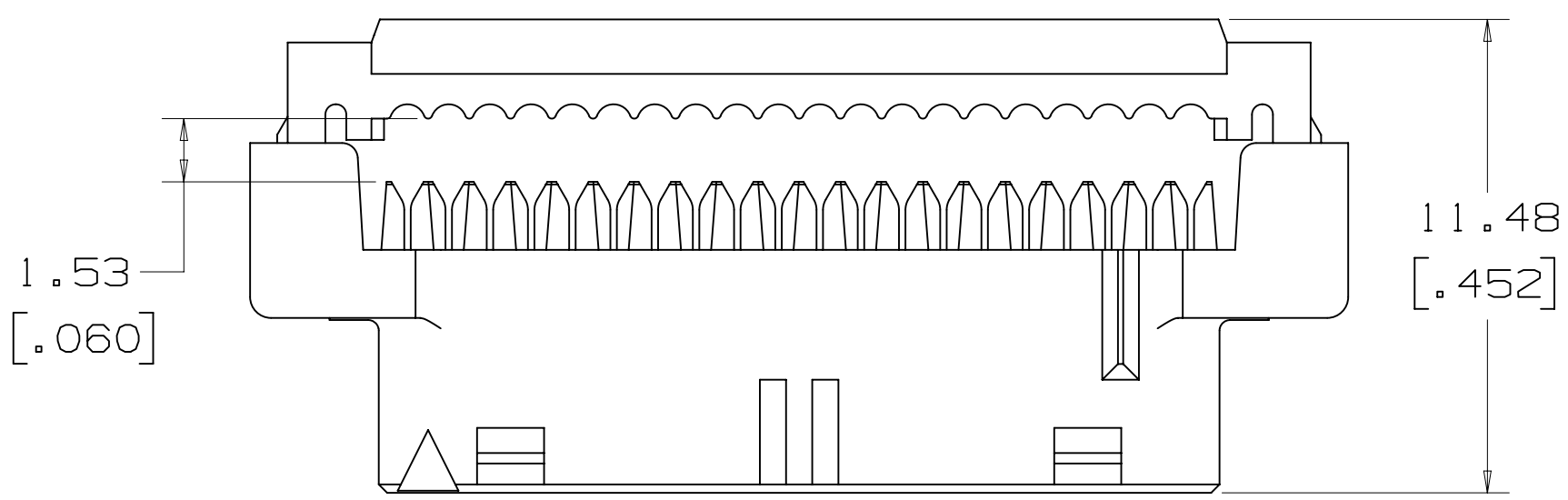
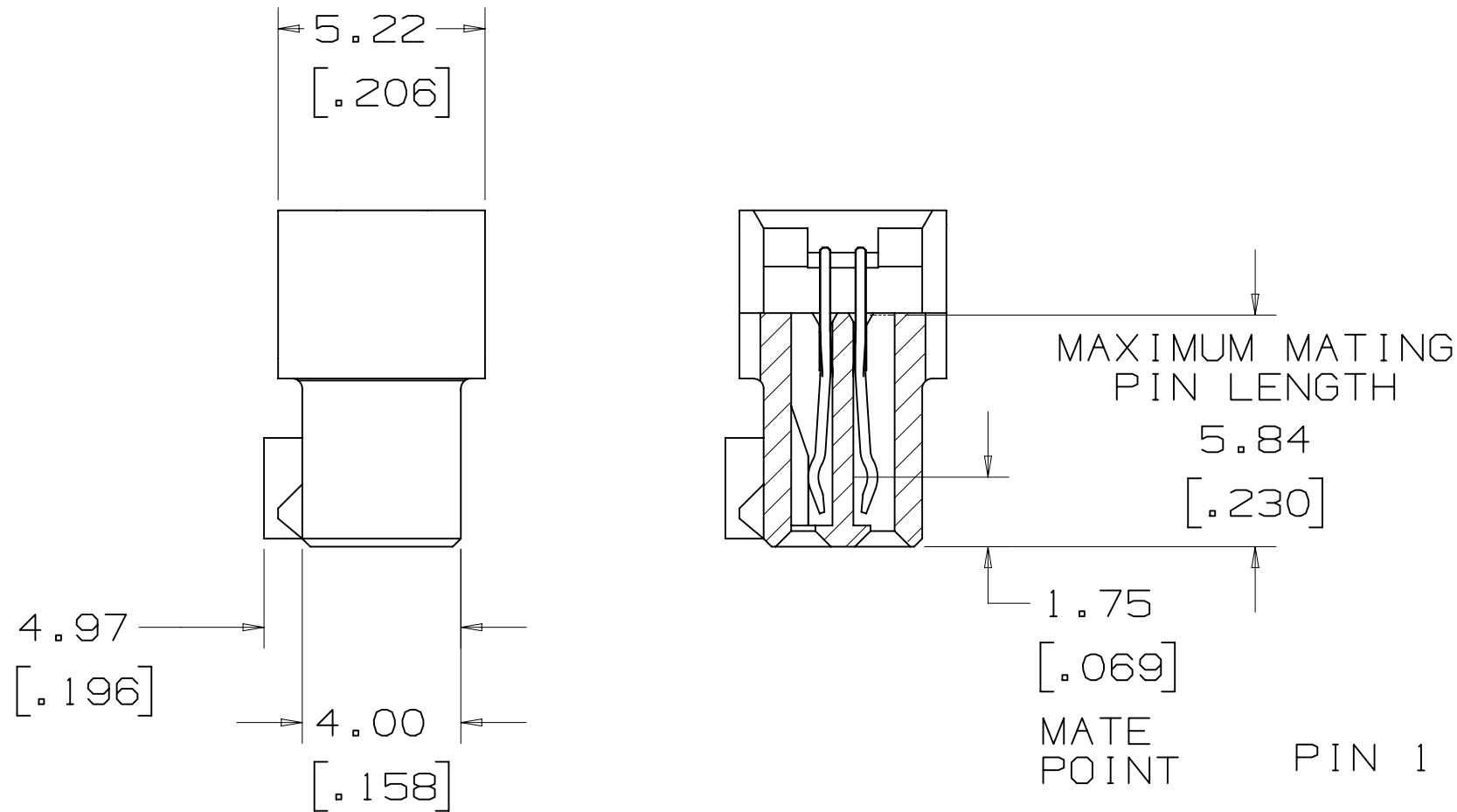
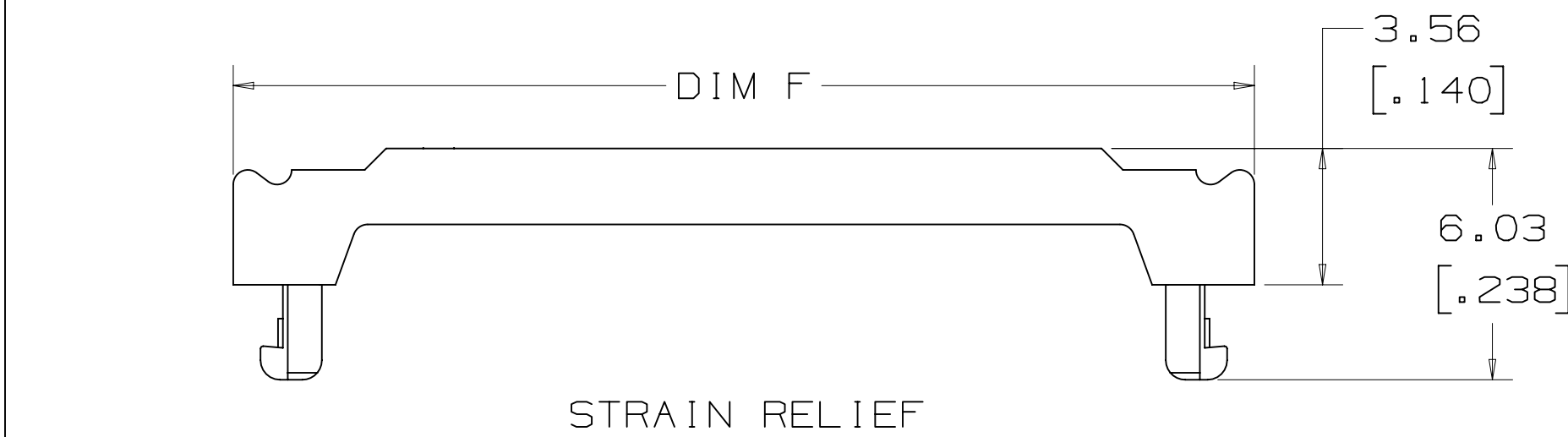
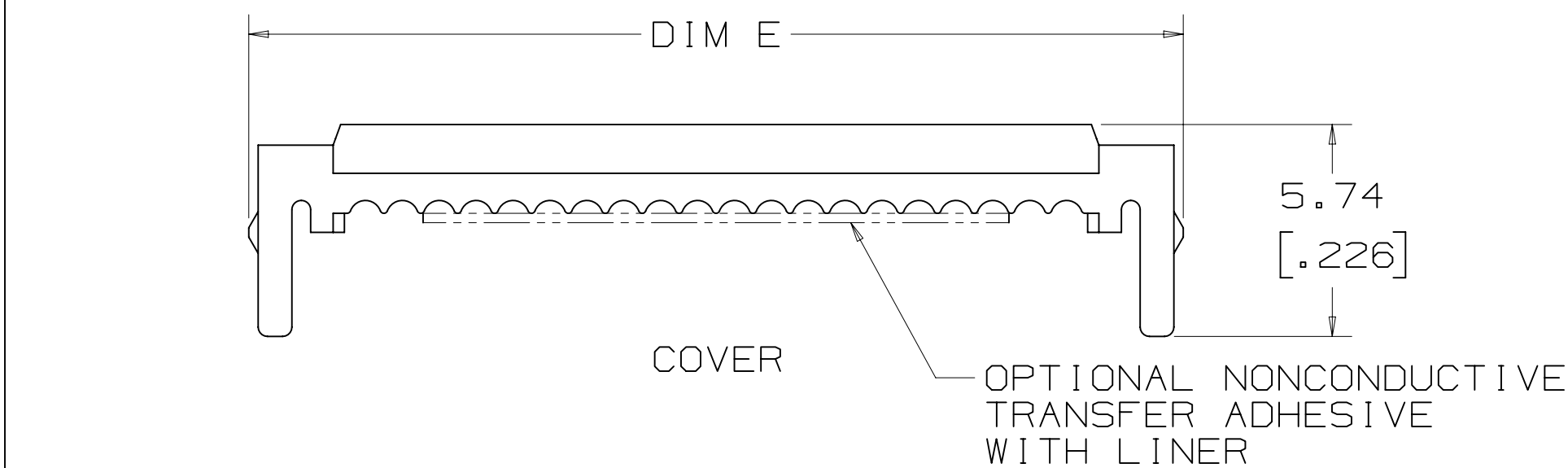
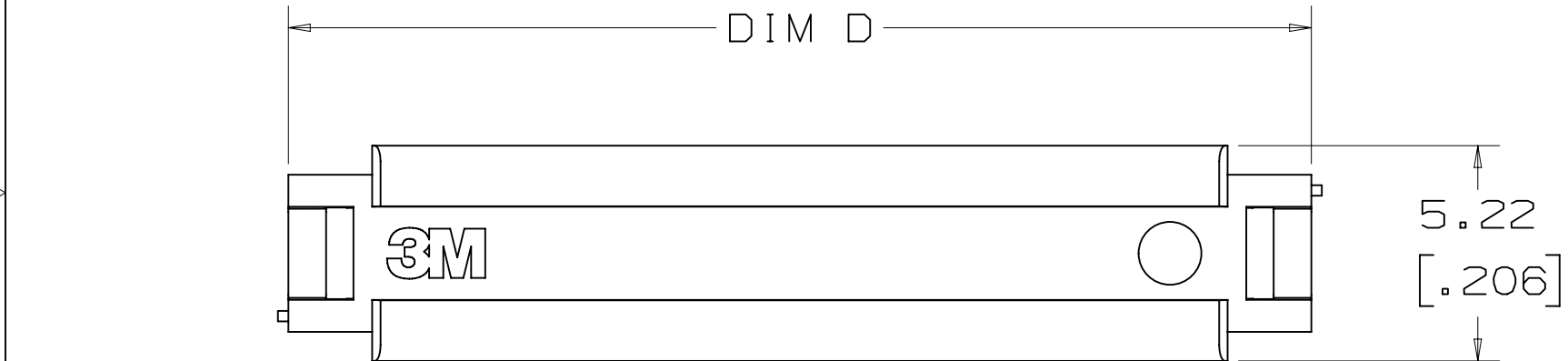
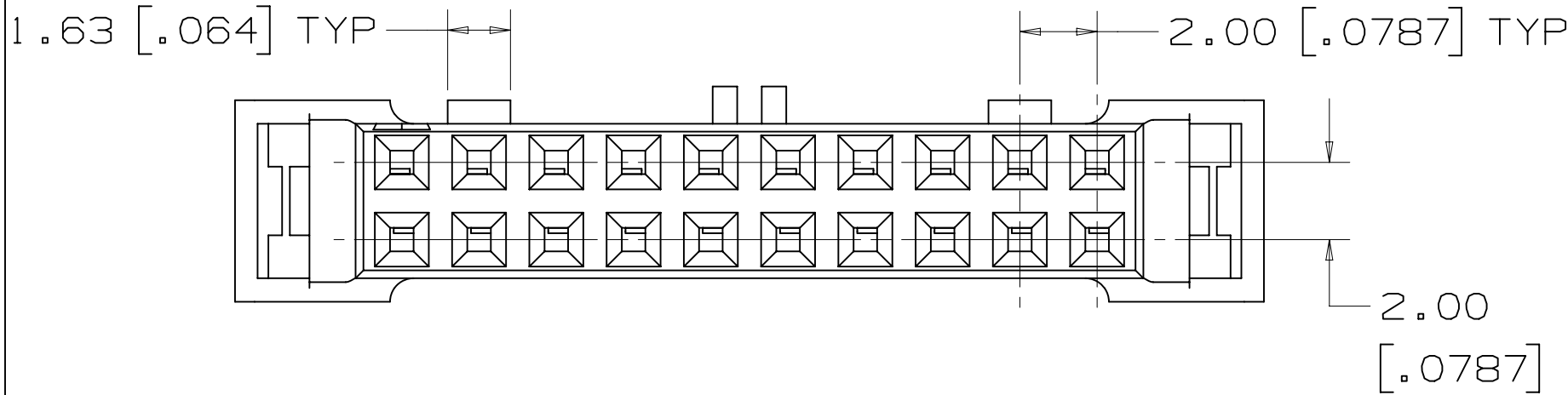
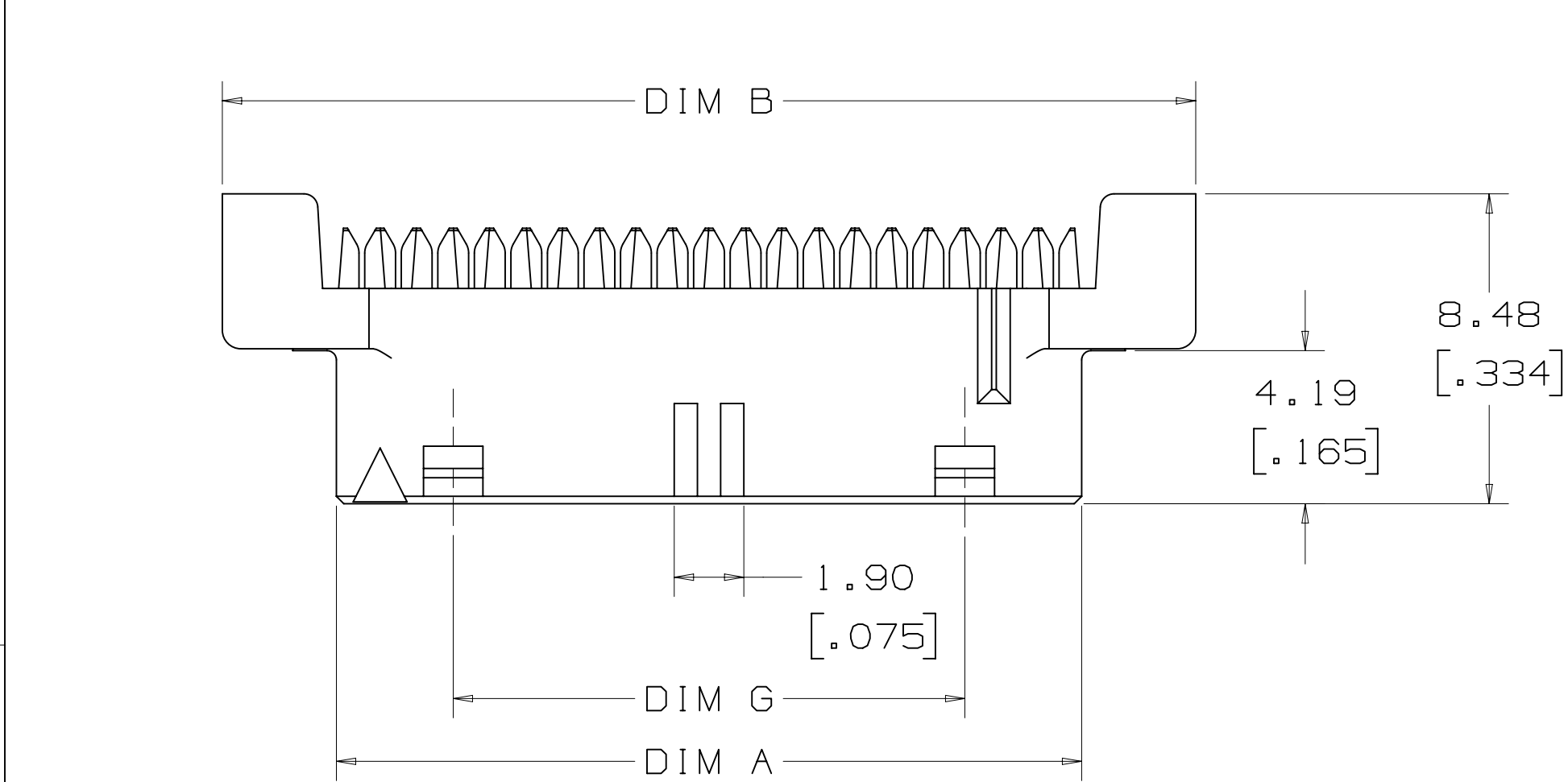
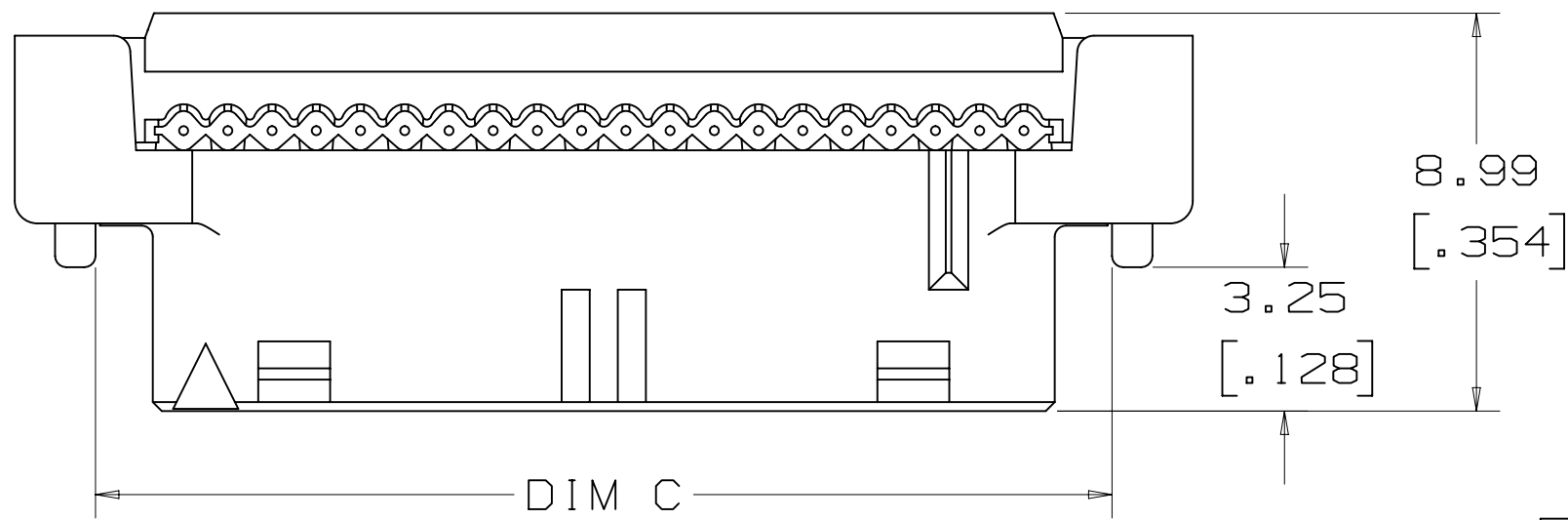


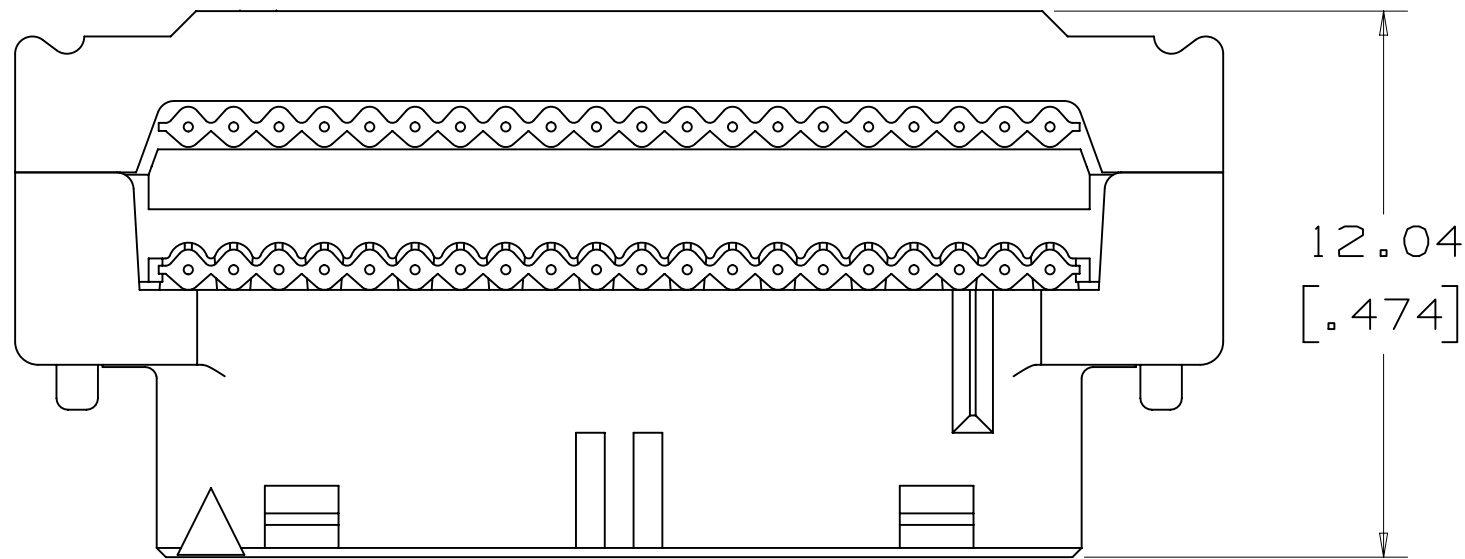
3M™ Ribbon Cable Socket 2 mm X 2 mm Pitch 158 Series



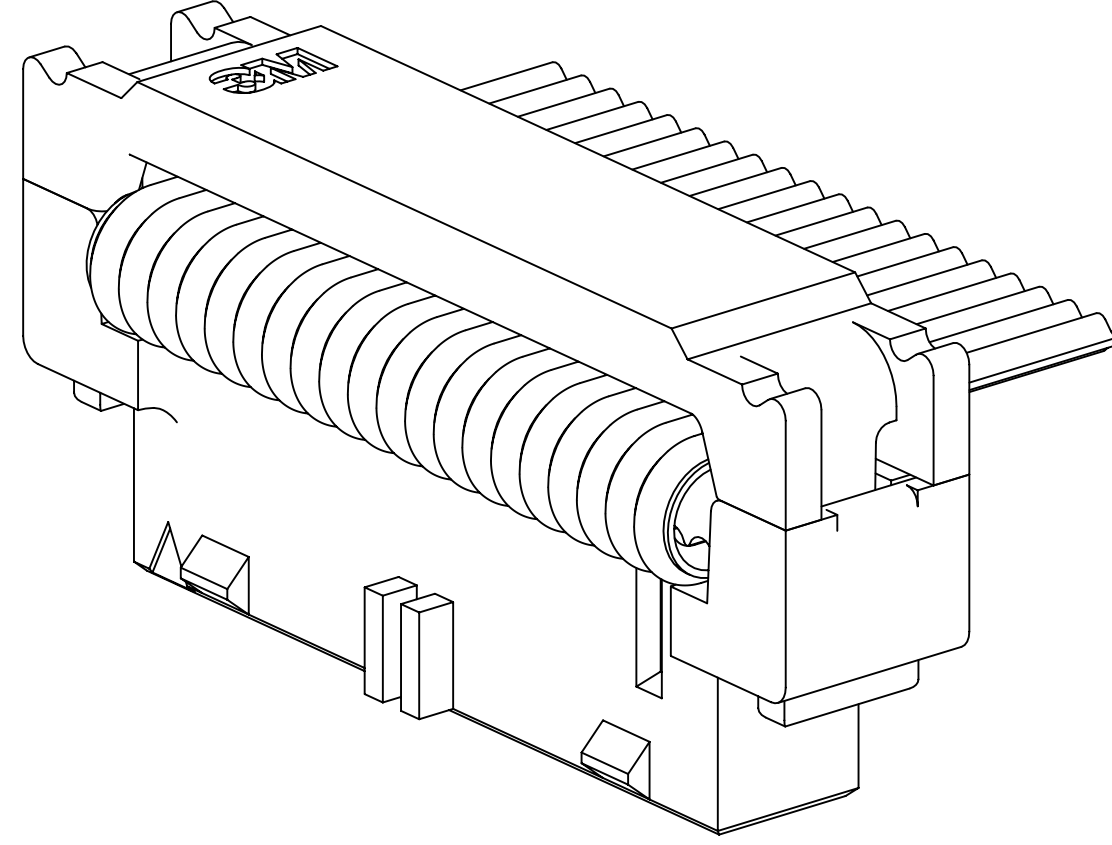
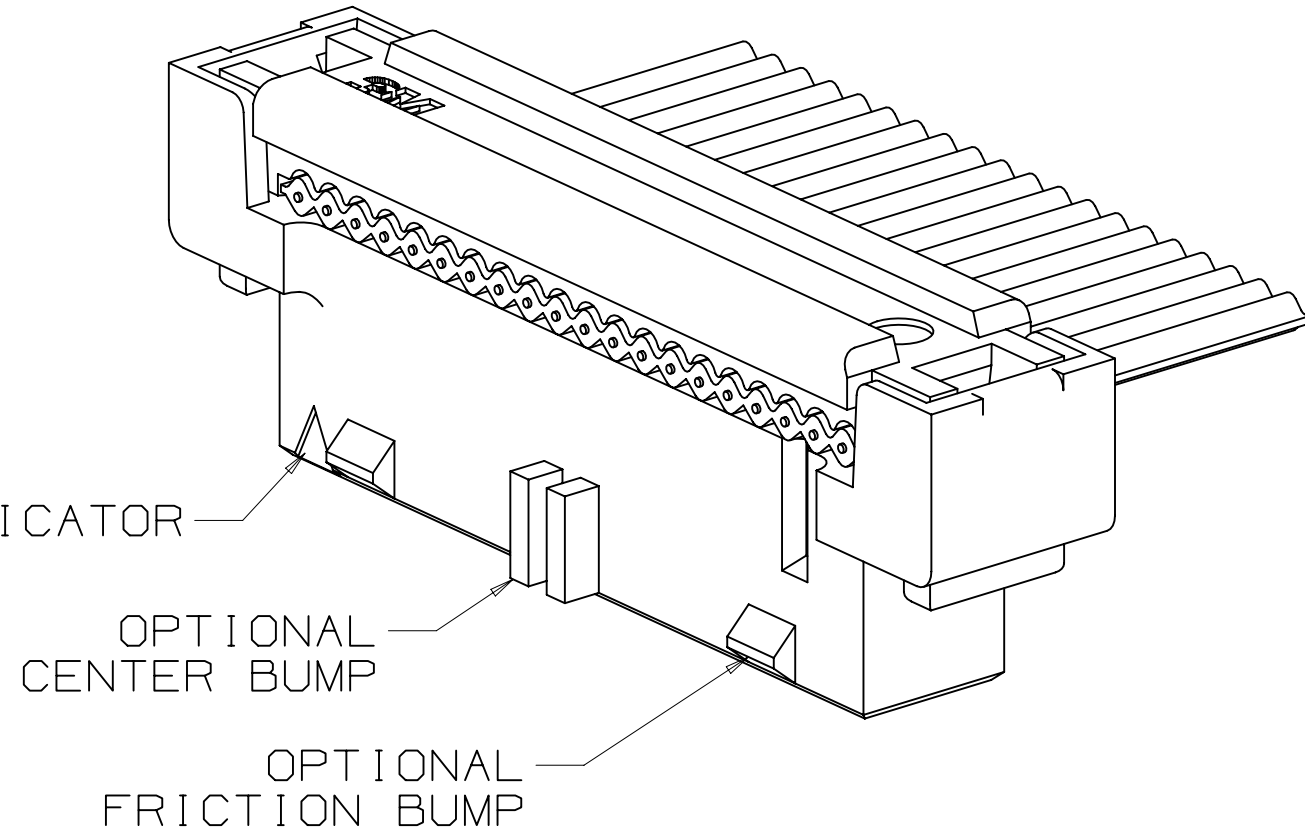
PREASSEMBLED HEIGHT WITH COVER



ASSEMBLED HEIGHT WITH COVER



ASSEMBLED HEIGHT WITH COVER AND STRAIN RELIEF



PERFORMANCE [7] [8]	
CURRENT:	1.25 A, ALL LINES ENERGIZED 2.75 A, 6 LINES ENERGIZED 4.75 A, 1 LINE ENERGIZED
INSULATION RESISTANCE:	>1X10 ⁹ OHMS AT 500 VDC
WITHSTANDING VOLTAGE:	500 VACrms AT SEA LEVEL
TEMPERATURE RATING:	-55°C TO +105°C

METRIC [ENGLISH]
cALUS
UL FILE NO: E68080

DESIGN REFERENCE	NEXT ASSEMBLY
DO NOT SCALE DRAWING	SCALE 6-1
THIRD ANGLE PROJECTION	TOLERANCES EXCEPT AS NOTED
INTERPRET PER ASME Y14.5 - 1994	INCHES
MAX SURFACE ROUGHNESS	MILLIMETERS
ALL SURFACES MARKED ONLY	ANGLES ±1°

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
51692	DEC 16, 2013	ADD UL SYMBOLS	SJS	SAN
41488	JUN 21, 2012	REVISED CURRENT RATING IN PERFORMANCE TABLE	LDS	SAN
37252	NOV 04, 2011	REVISED ORDERING INFORMATION REV C HISTORY REMOVED	LDS	SF
30741	OCT 28, 2010	INITIAL RELEASE	LDS	SF
3	78-5100-2358-9	3M RIBBON CABLE SOCKET 2 MM x 2 MM PITCH 158 SERIES	REV. F	



B



REVISION
DRAWING NUMBER
/8-5100-2358-9



B



A

A

TIER 3 - VALUE
1583XX-211015

TIER 3 = VALUE
POSITION COUNT (SEE TABLE)
PART CONFIGURATION 2 = SEPARATE COVER
POLARIZATION/LATCHING

PLATING
15 = 0.38 μ m
[15 μ in] GOLD

PACKAGING
1 = BULK PACK

F	51692	A
E	41488	F P

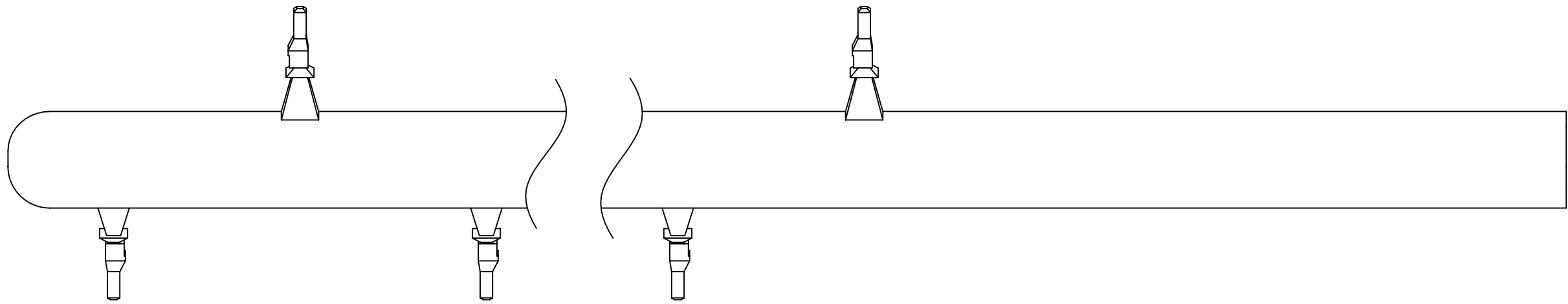
1 = WITH CENTER BUMP,
NO FRICTION BUMPS (6-50 POS)



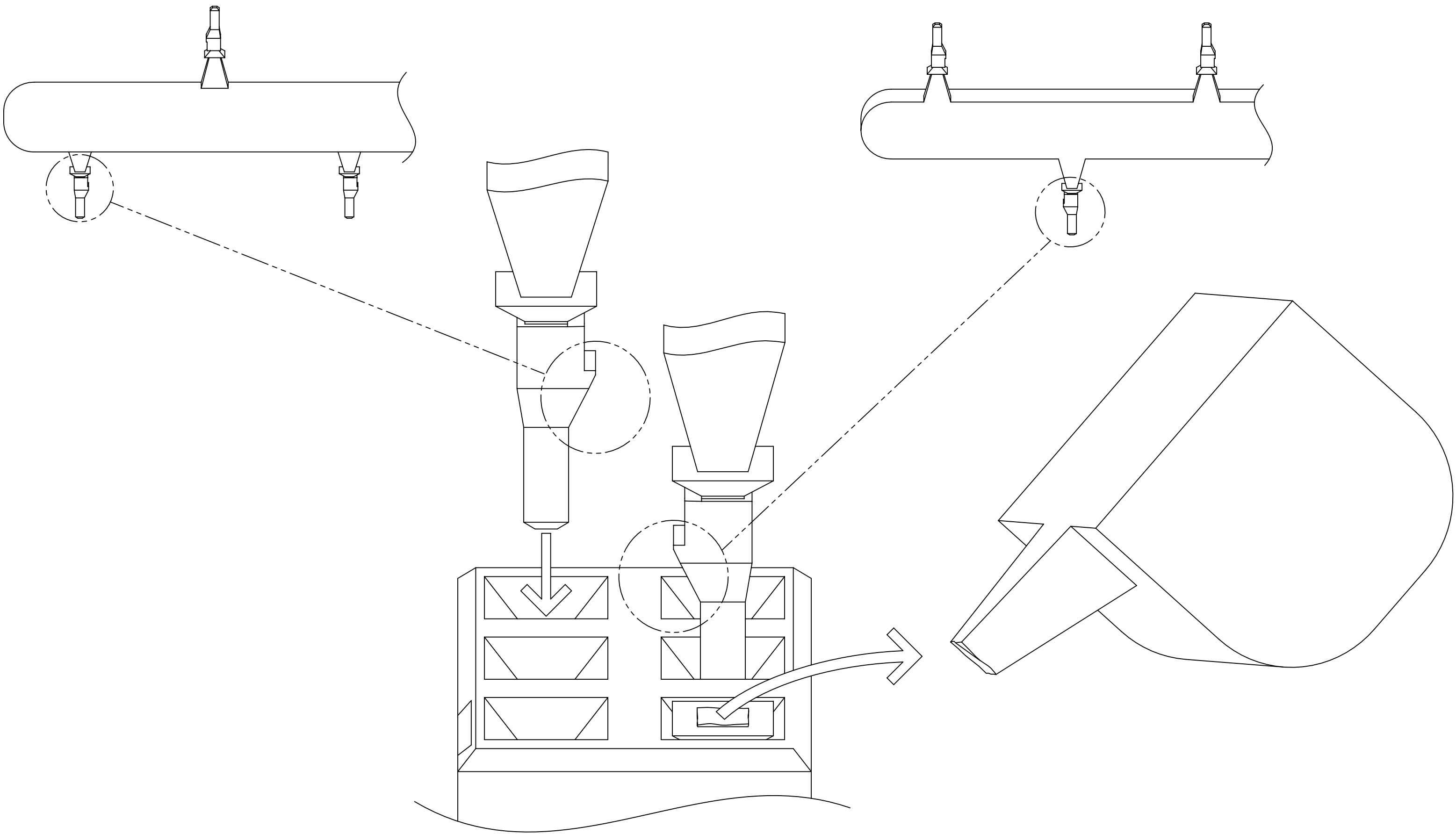
METRIC [ENGLISH]

A

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



POLARIZING KEY
3435-152200



POLARIZING KEY ORIENTATION AND INSTALLATION

RIBBON CABLE SOCKET ACCESSORIES

METRIC [ENGLISH]

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
XREF CODES		DIV CODE		DRFT	CHKD	DATE	DATE	DATE	DATE
				L. SCHMIDT		JUL 23, 2010	MFG		
							S. FELDMAN	JUL 30, 2010	
DIVISION		DIVISION CODE		© 3M COPYRIGHT 2010					
DO NOT SCALE DRAWING		SCALE 1/1		TOLERANCES EXCEPT AS NOTED		3M Center St. Paul, MN 55144			
THIRD ANGLE PROJECTION		INCHES		MILLIMETERS		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.			
INTERPRET PER ASME Y14.5 - 1994		0 ±		0 ±		TITLE			
MAX SURFACE ROUGHNESS 125/		0 ±		0 ±		3M RIBBON CABLE SOCKET 2 MM x 2 MM PITCH 158 SERIES			
ALL SURFACES		0 ±		0 ±		CAGE NUMBER			
MARKED ONLY		0 ±		0 ±		D 78-5100-2358-9			
ANGLES ±1°		0 ±		0 ±		MODEL			
						DET. YES NO SHT 3 OF 3			