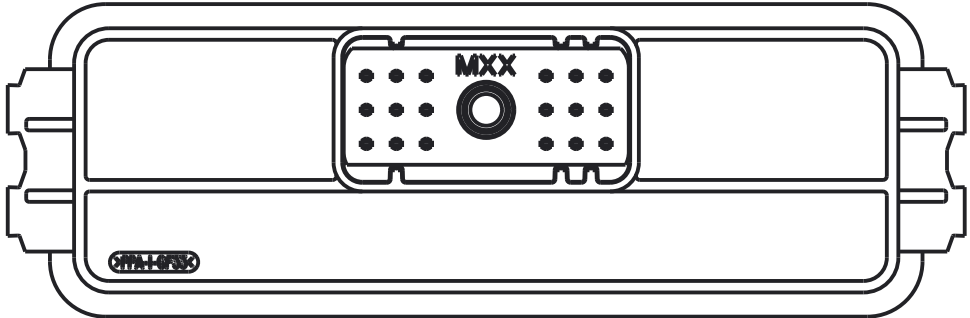
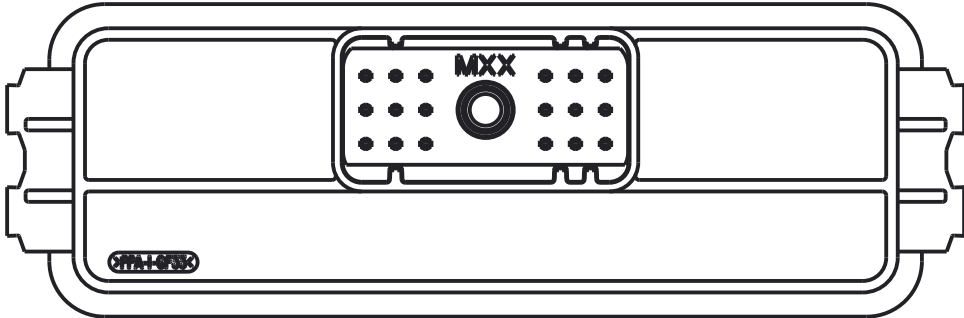
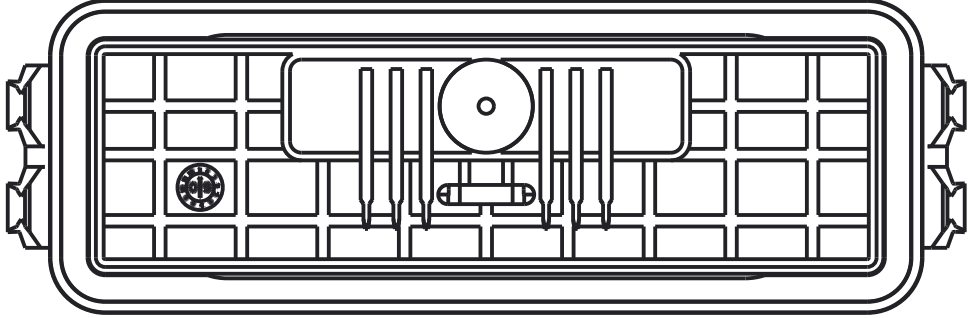
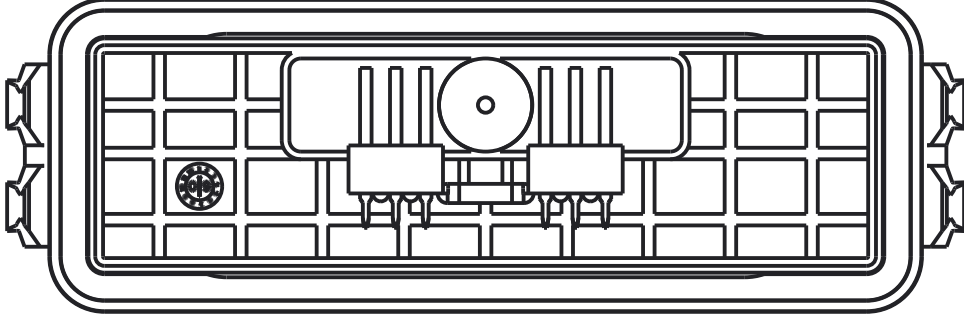


CINCH PART NUMBER MATRIX

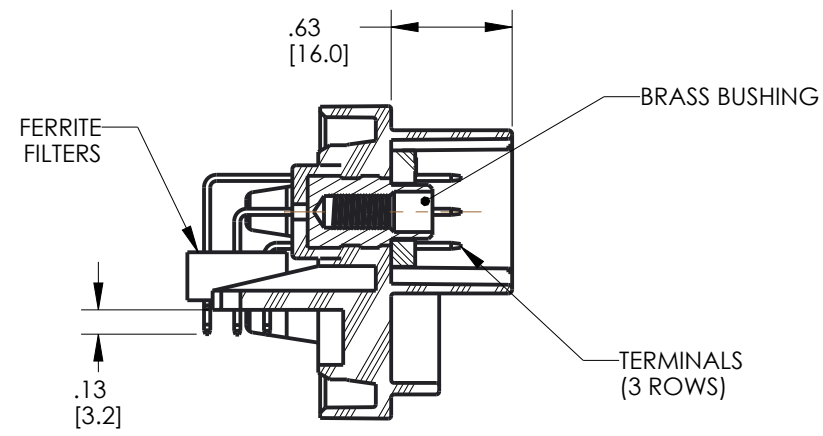
P/N: 5810118038	P/N: 5810118039
18-WAY HEADER ASSEMBLY WITHOUT FERRITE FILTERS	18-WAY HEADER ASSEMBLY WITH FERRITE FILTERS
	
	
MATES WITH CINCH HARNESS CONNECTOR P/N: 5810118023	

DRAWING REVISIONS (RELEASE DATE ON FILE)			
REV	DOCUMENT	APP	APPROVAL DATE
C	CO 3274	KR	7/18/16

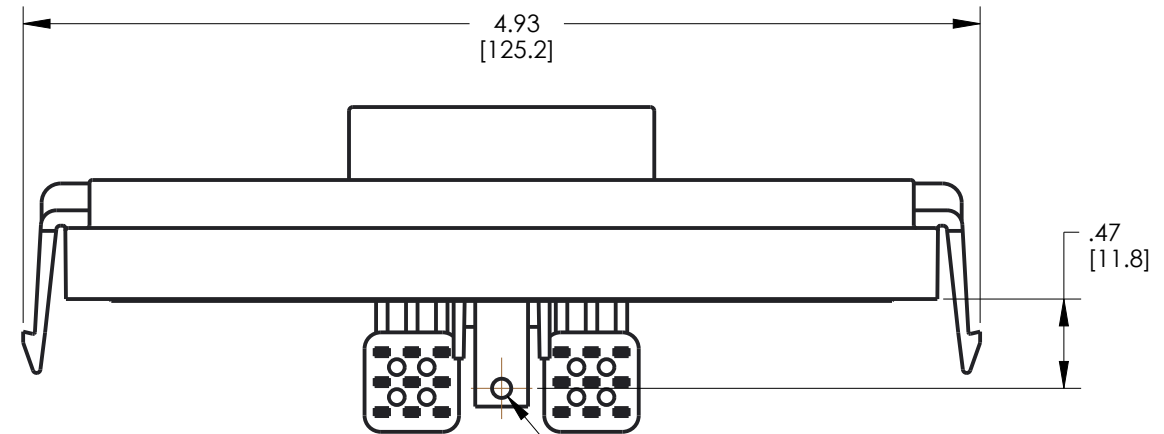
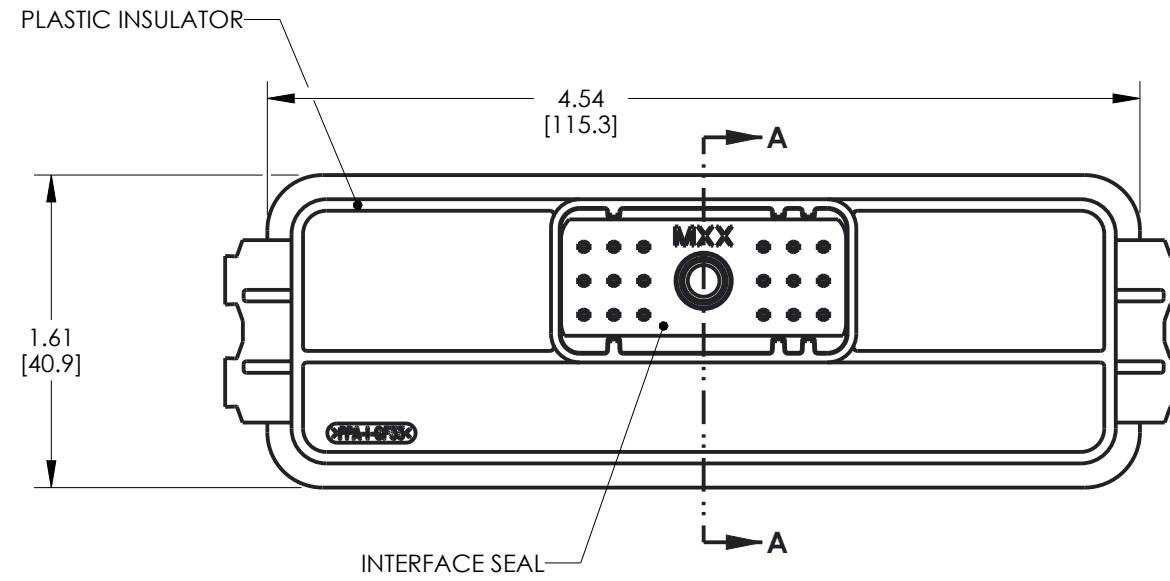
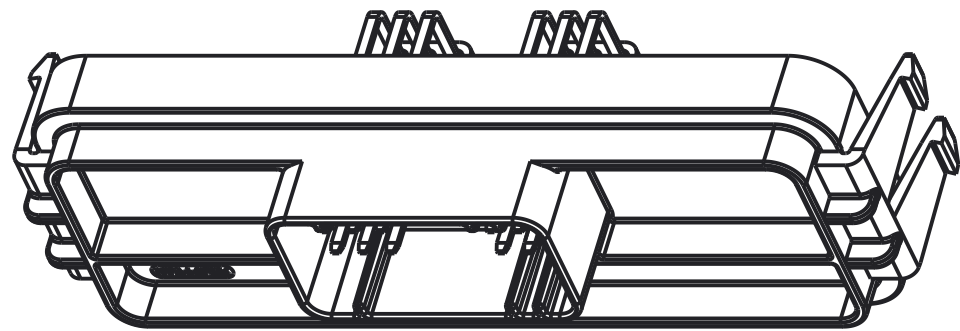
NOTES:

- ALL DIMENSIONS ARE IN INCHES; DIMENSIONS INSIDE [.XX] ARE IN mm, AS REFERENCE ONLY
- MATERIALS:
 INTERFACE SEAL: SILICONE RUBBER, COLOR BLUE
 INSULATOR: 30% GLASS FILLED POLYMER, COLOR BLACK
 BUSHING: BRASS ALLOY, UNPLATED 10-24 UNC THREAD
 TERMINAL BLADES: 1.5 mm BRASS WITH TIN OVER NICKEL PLATING
 FILTERS: FERRITE BLOCKS
- ALL HEADERS ARE REFLOW OR WAVE SOLDERING PROCESS, ROHS COMPLIANT
- SUGGESTED PCB THICKNESS: .062 [1.57]
- IF USING FERRITE FILTER VERSION, TRACES SHOULD BE AVOIDED UNDER THE FERRITE SPACER FEET. SEE "PCB TOP SIDE PIN AREA WITH FERRITES DETAIL" - PAGE 3.
- MATES WITH CINCH SHS PUSH-TO-SEAT HARNESS CONNECTORS (SEE TABLE ABOVE)
- TORQUE MATING CONNECTOR SCREW TO 15 - 20 IN*LBS [1.70 - 2.26 N*m]

UNITS: ENGLISH INCHES		DESIGN ENGINEER: A. ECKHART	DATE: 4/1/09	CINCH <small>1700 FINLEY RD LOMBARD, IL. 60148</small>	
DO NOT SCALE DRAWING		PRO/E <small>DESIGN ENGINEER DATE</small>		18-WAY HEADERS MODICE ME <small>TITLE</small>	
CONFIDENTIAL <small>THIS DOCUMENT IS THE PROPERTY OF CINCH. NEITHER THIS DOCUMENT NOR ANY OF THE INFORMATION CONTAINED IN IT MAY BE DUPLICATED OR DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF CINCH. ©COPYRIGHT 2009 CINCH</small>		APPROVALS ON FILE		<small>MATERIAL</small> SEE NOTES	
				<small>MATERIAL SPEC NUMBER</small> 71785	
				<small>CONTROL SPEC NUMBER</small> A14926	
<small>CAD FILE NUMBER</small> 5810118038S		<small>DRAWING NUMBER</small> 5810118038S		<small>PROJECT NUMBER</small> A14926	
<small>CAGE IDENT NO.</small> 71785		<small>SIZE</small> B		<small>SCALE</small> 1:1	
				<small>SHEET 1 OF 3</small>	



SECTION A-A



CINCH P/N: 5810118039 SHOWN
(HEADER WITH FILTERS)

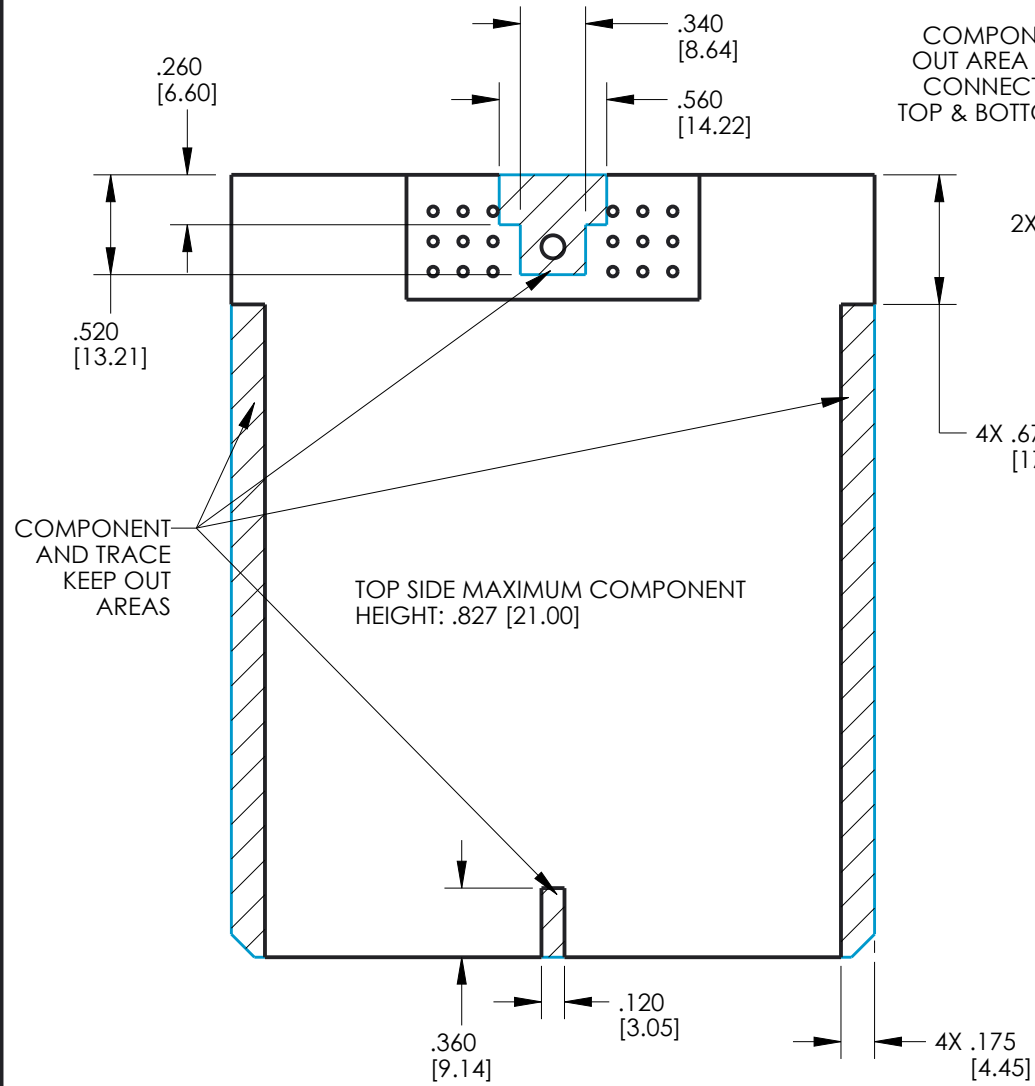
FOR PCB MOUNTING, #4 THREAD CUTTING SCREW (TYPE 23 OR SIMILAR) IS RECOMMENDED; TORQUE TO 2-3 IN*LBS [0.23-0.34Nm]

UNITS ENGLISH INCHES		CINCH		1700 FINLEY RD LOMBARD, IL. 60148	
DO NOT SCALE DRAWING		TITLE 18-WAY HEADERS MODICE ME			
PRO/E DRAWING					
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		CAGE IDENT NO. 71785	SIZE B	SCALE 1:1	
		SHEET 2 OF 3			

PCB TOP SIDE GENERAL ZONING AND KEEP-OUT AREAS

PCB BOTTOM SIDE GENERAL ZONING AND KEEP-OUT AREAS

PCB OVERALL DIMENSIONS AND HOLE LOCATIONS



COMPONENT KEEP OUT AREA AROUND CONNECTOR PINS; TOP & BOTTOM SIDES

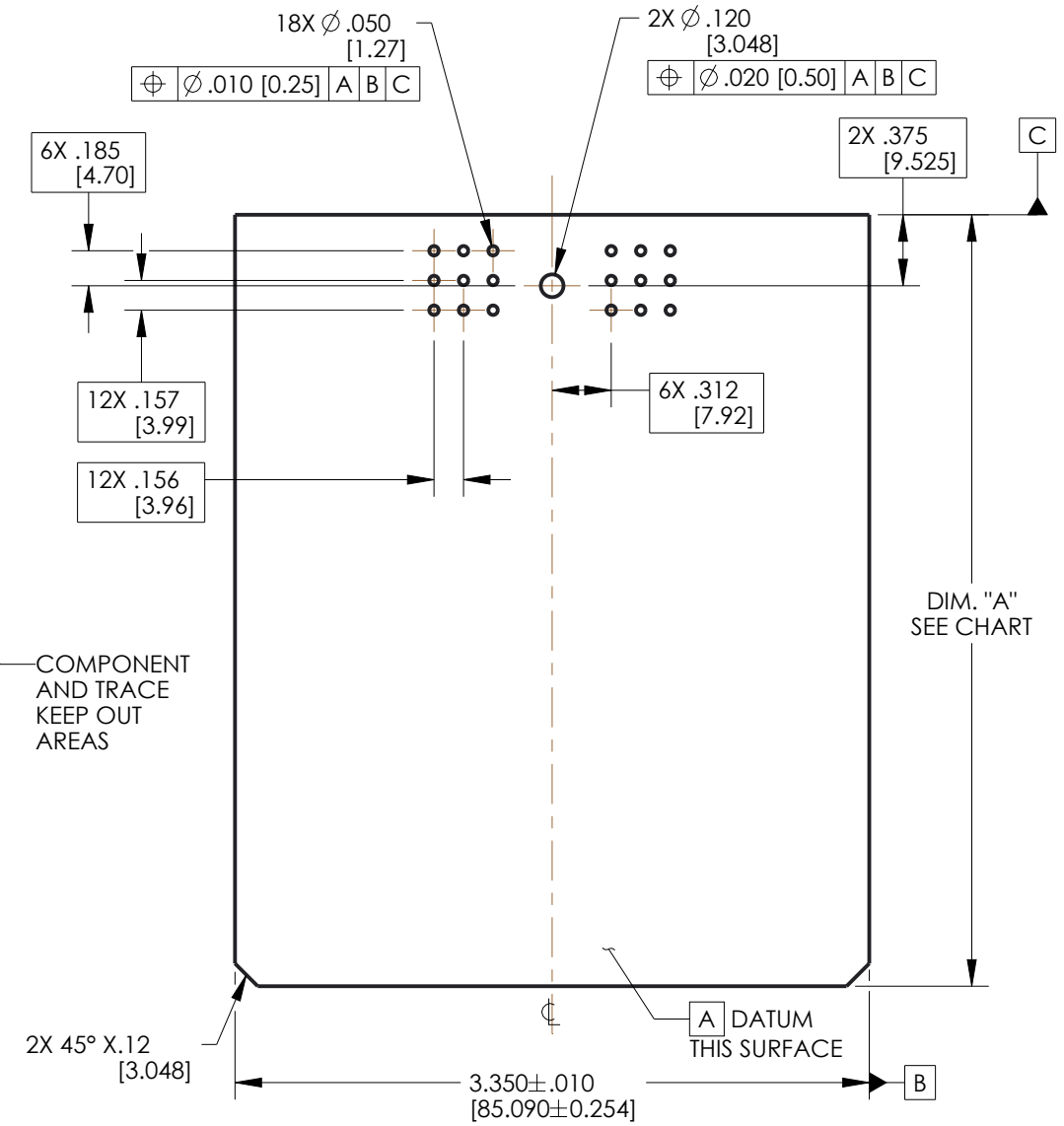
2X 1.526 [38.76]

2X .650 [16.51]

ϕ .280 [7.11]

4X .675 [17.15]

BOTTOM SIDE MAXIMUM COMPONENT HEIGHT: .236 [6.00]



2X 45° X.12 [3.048]

A DATUM THIS SURFACE

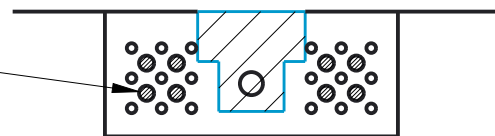
DIM. "A" SEE CHART

RECOMMENDED PCB LENGTH

DIM. "A" (SEE DRAWING)	USE WITH ENCLOSURE	
	PART NUMBER	DESCRIPTION
4.075±0.015 [103.53±0.38]	581 01 30 065	ME
	581 01 30 075	ME WITH BREATHER
2.375±0.015 [60.33±0.38]	581 01 30 090	MINI ME
	581 01 30 095	MINI ME WITH BREATHER

FERRITE SPACER FEET TRACE KEEP OUT AREAS (8 PLACES) SEE NOTE 5

PCB TOP SIDE PIN AREA WITH FERRITES DETAIL



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	CAGE IDENT NO. 71785	SIZE B	SCALE 1:1
			SHEET 3 OF 3