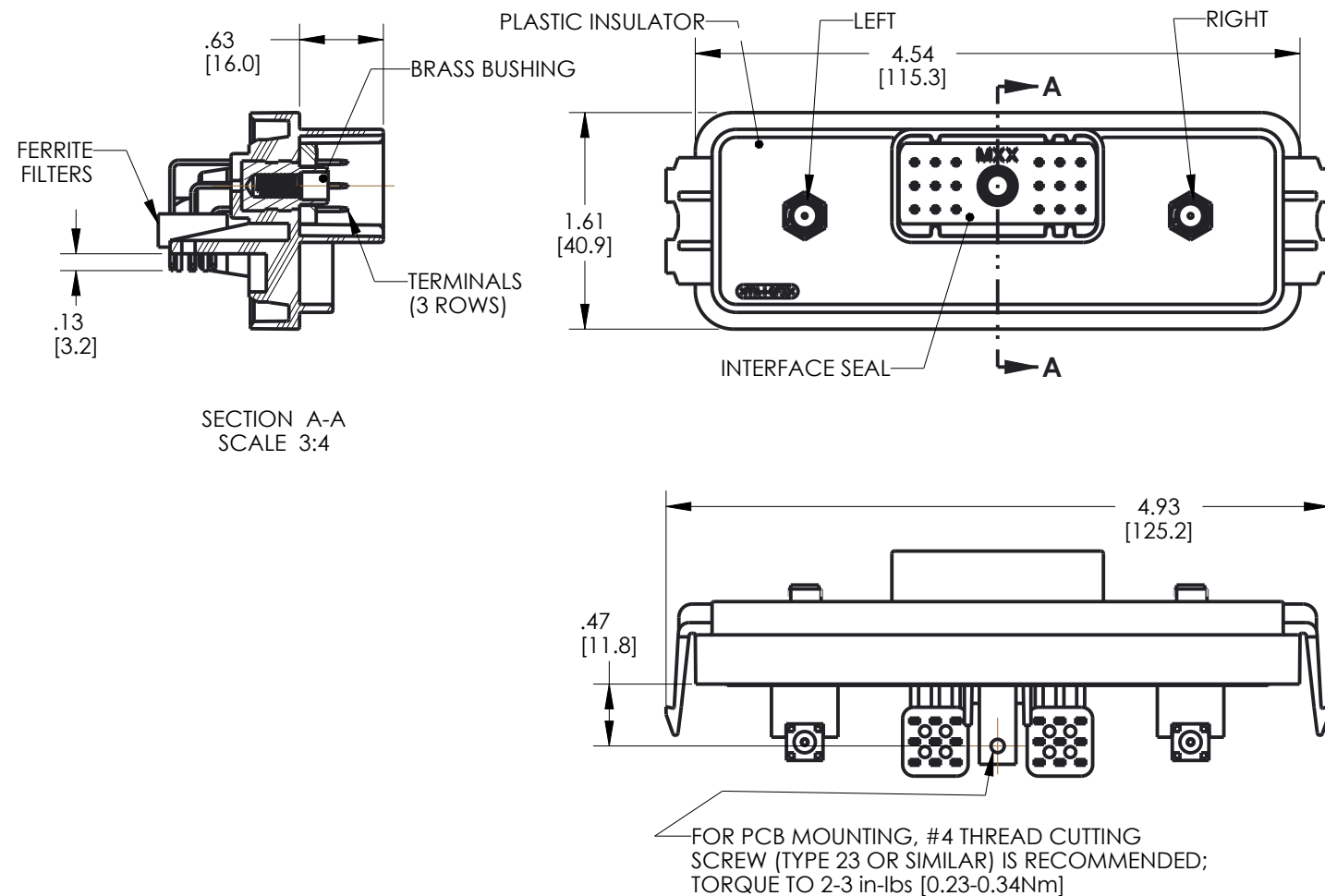


DRAWING REVISIONS  
(RELEASE DATE ON FILE)

REV	DOCUMENT	APP	APPROVAL DATE
E	CO 3274	V.RICE	7/18/16

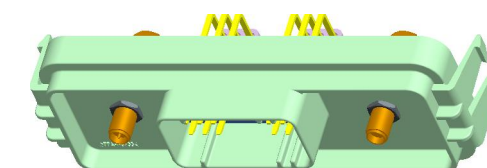


**CINCH P/N: 5810618002 SHOWN  
(18 POS HEADER WITH FILTERS)**

RP SMA = REVERSE POLARITY SMA SMA = STANDARD POLARITY SMA LEFT RIGHT	HEADER	I/O	FERRITE	LEFT RF	RIGHT RF
	5810618001	18	NO	RP SMA	SMA
	5810618002	18	YES	RP SMA	SMA
	5810618003	18	NO	N/A	SMA
	5810618004	18	YES	N/A	SMA
	5810618005	18	NO	RP SMA	N/A
	5810618006	18	YES	RP SMA	N/A
	5810618007	18	NO	RP SMA	RP SMA
	5810618008	18	YES	RP SMA	RP SMA
	5810618009	18	NO	SMA	SMA
	5810618010	18	YES	SMA	SMA

NOTES:

- ALL DIMENSIONS ARE REFERENCE ONLY. DIMENSIONS ARE IN INCHES; [BRACKETED DIMENSIONS ARE IN mm]
- MATERIALS:  
 INSULATOR: 30% GLASS FILLED POLYMER, COLOR BLACK  
 SMA: BODY: BRASS, NICKEL PLATED  
 CONTACT: PHOSPHOR BRONZE, GOLD PLATING OVER NICKEL  
 INSULATOR: PTFE  
 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 COMPATIBLE, AND 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 2.
- MATES WITH CINCH SHS PUSH-TO-SEAT HARNESS CONNECTOR P/N: 5810118023
- TORQUE SCREW OF MATING CONNECTOR TO 15 - 20 in-lbs [1.69 - 2.26 Nm]



SCALE 1:2

MODELED BY:  
V. RICE

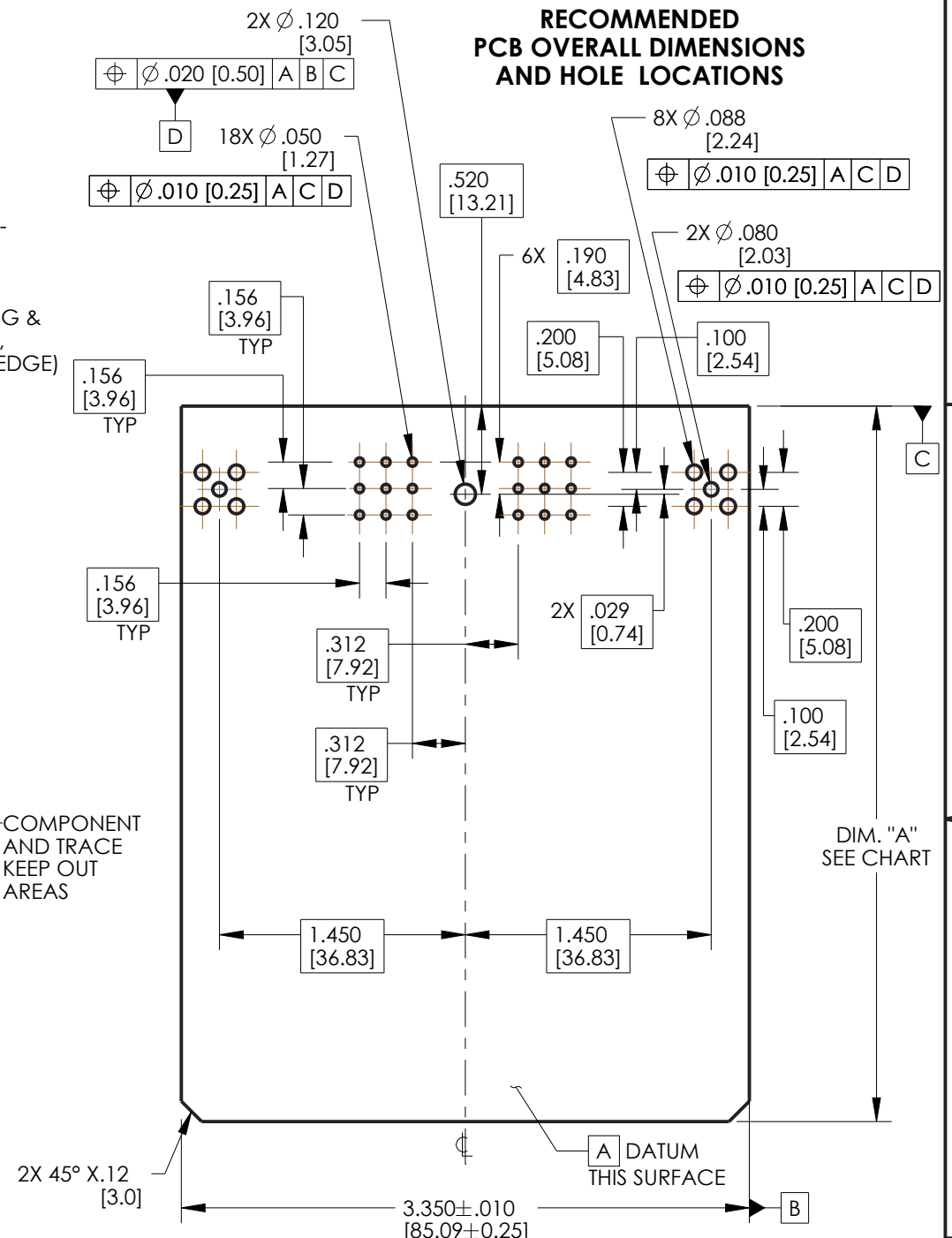
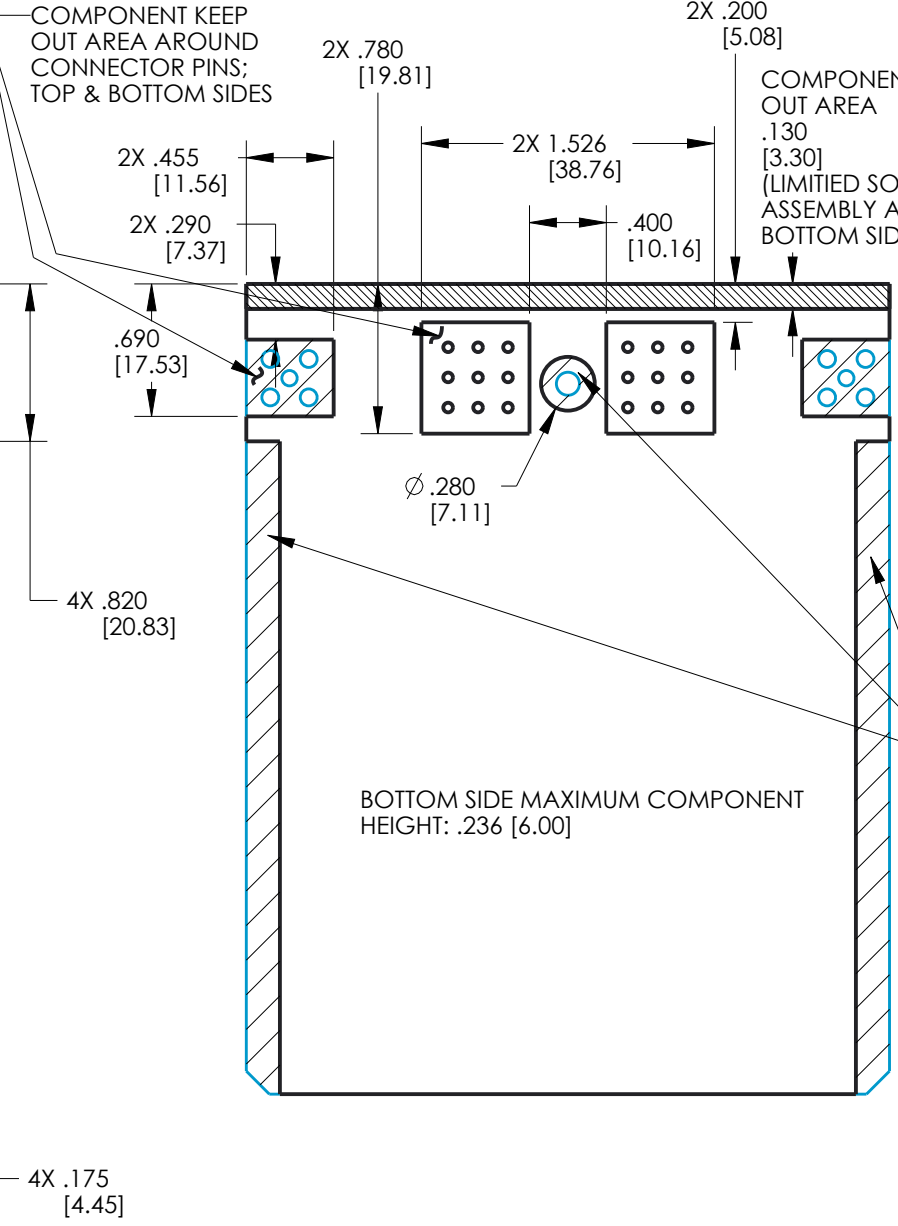
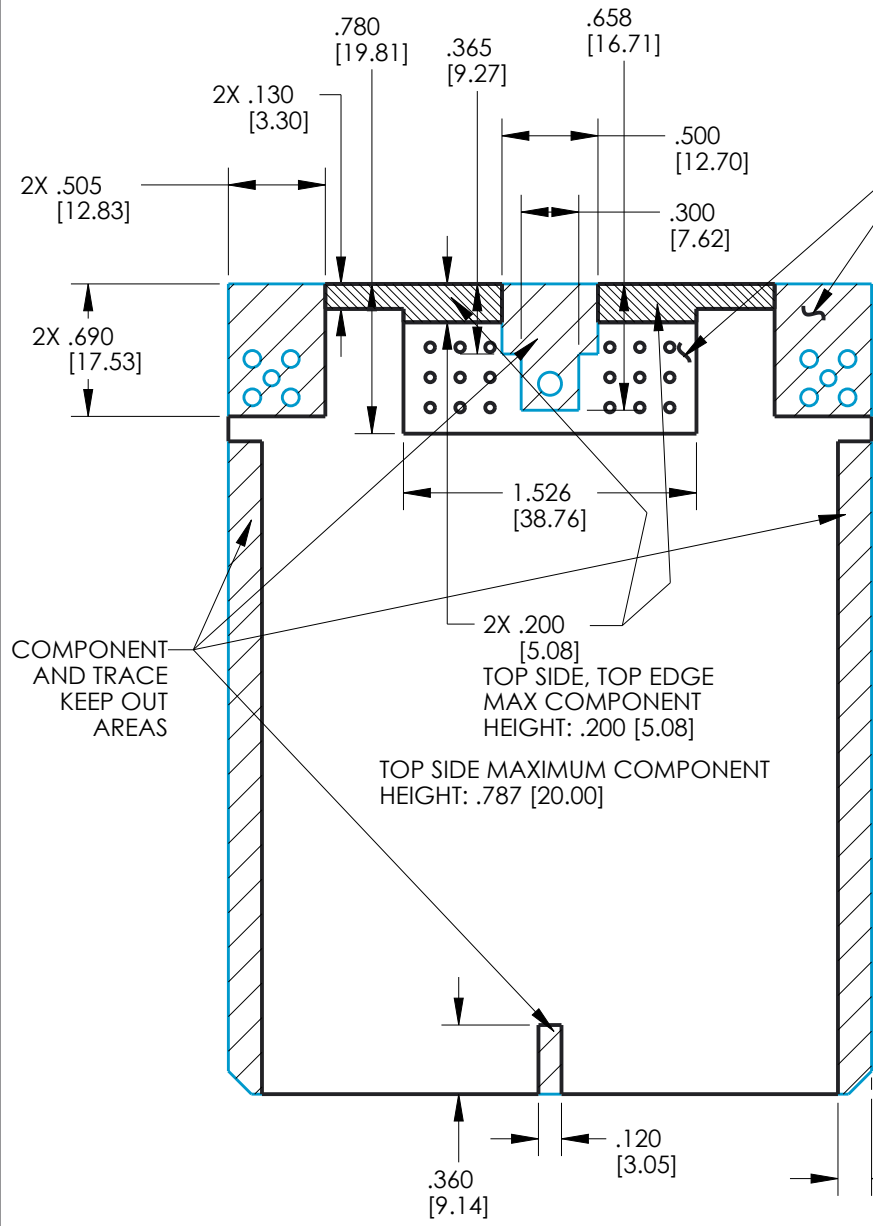
UNITS <b>ENGLISH INCHES</b>	DESIGN ENGINEER V. RICE	PRO/E DATE 5/16/12	<b>CINCH</b> 1700 FINLEY RD LOMBARD, IL 60148	
DO NOT SCALE DRAWING	APPROVALS ON FILE		TITLE MODICE ME-RF 18-WAY / SMA HEADER ASSEMBLY	
MATERIAL SEE NOTES		CONTROL SPEC NUMBER A15085		
MATERIAL SPEC NUMBER 5810618001S		DRAWING NUMBER 5810618001S		
CAGE IDENT NO. 71785		SIZE B		
SCALE 1:1		SHEET 1 OF 2		

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**RECOMMENDED  
TOP SIDE  
PCB GENERAL  
ZONING AND KEEP-OUT AREAS**

**RECOMMENDED  
BOTTOM SIDE  
PCB GENERAL  
ZONING AND KEEP-OUT AREAS**

**RECOMMENDED  
PCB OVERALL DIMENSIONS  
AND HOLE LOCATIONS**



COMPONENT AND TRACE KEEP OUT AREAS

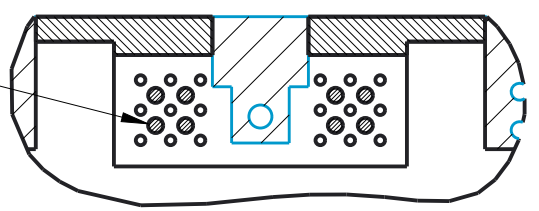
TOP SIDE MAXIMUM COMPONENT HEIGHT: .787 [20.00]

BOTTOM SIDE MAXIMUM COMPONENT HEIGHT: .236 [6.00]

COMPONENT AND TRACE KEEP OUT AREAS

DIM. "A" SEE CHART

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



**PCB TOP SIDE PIN AREA WITH FERRITES DETAIL**

**RECOMMENDED PCB LENGTH**

DIM. "A" (SEE DRAWING)	USE WITH ENCLOSURE	
	PART NUMBER	DESCRIPTION
4.220±0.015 [107.19±0.38]	581 01 30 065	ME
	581 01 30 075	ME WITH BREATHER
2.520±0.015 [64.01±0.38]	581 01 30 090	MINI ME
	581 01 30 095	MINI ME WITH BREATHER

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