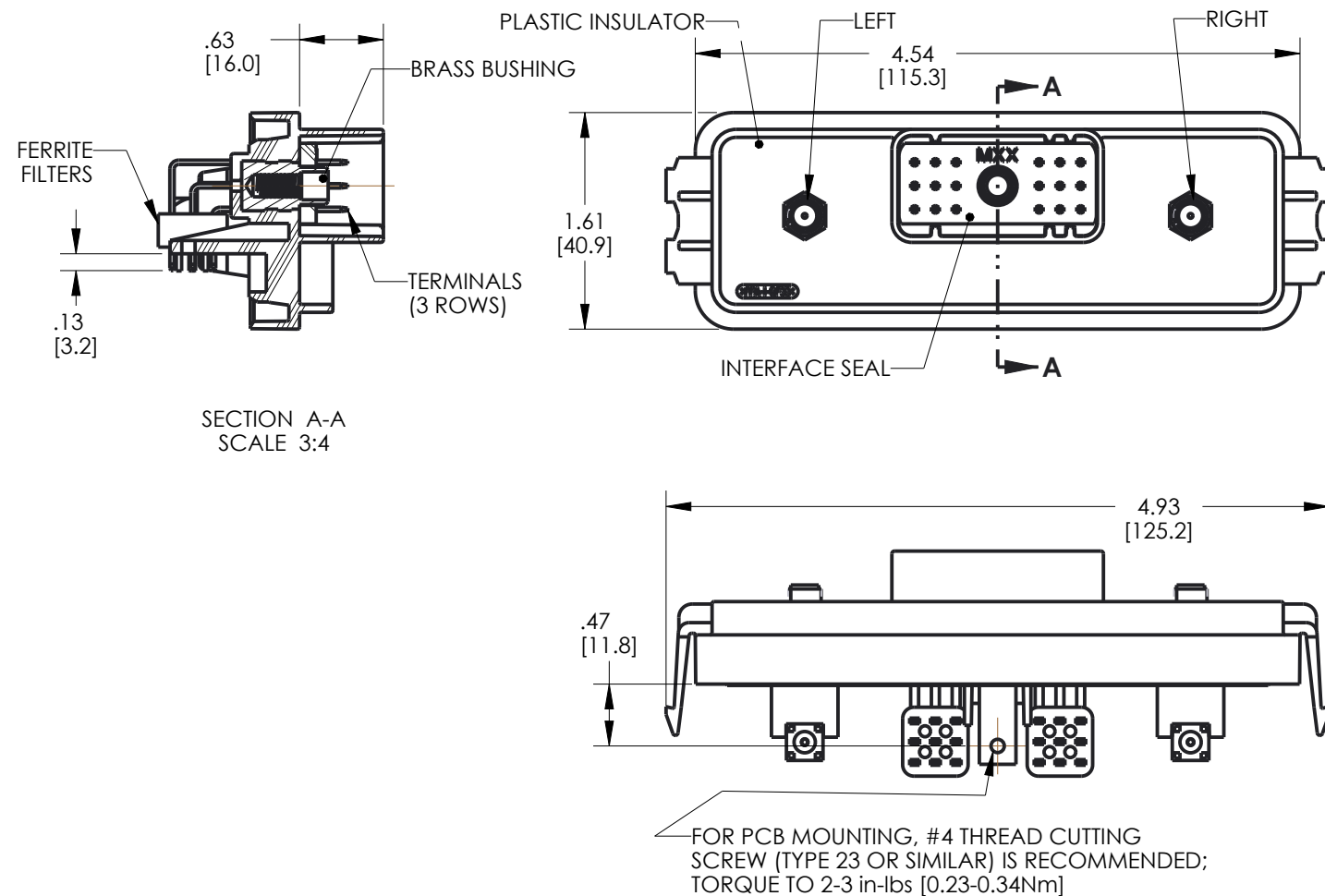


DRAWING REVISIONS
(RELEASE DATE ON FILE)

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

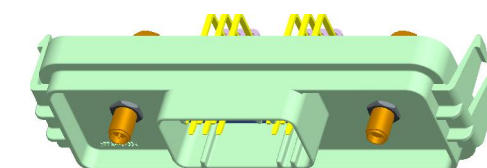


**CINCH P/N: 5810618002 SHOWN
(18 POS HEADER WITH FILTERS)**

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:

1. ALL DIMENSIONS ARE REFERENCE ONLY.
DIMENSIONS ARE IN INCHES; [BRACKETED DIMENSIONS ARE IN mm]
2. 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
3. ALL HEADERS ARE REFLOW OR WAVE SOLDERING PROCESS COMPATIBLE, AND ROHS COMPLIANT
4. SUGGESTED PCB THICKNESS: .062 [1.57]
5. 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.
6. MATES WITH CINCH SHS PUSH-TO-SEAT HARNESS CONNECTOR P/N: 5810118023
7. TORQUE SCREW OF MATING CONNECTOR TO 15 - 20 in-lbs [1.69 - 2.26 Nm]



SCALE 1:2

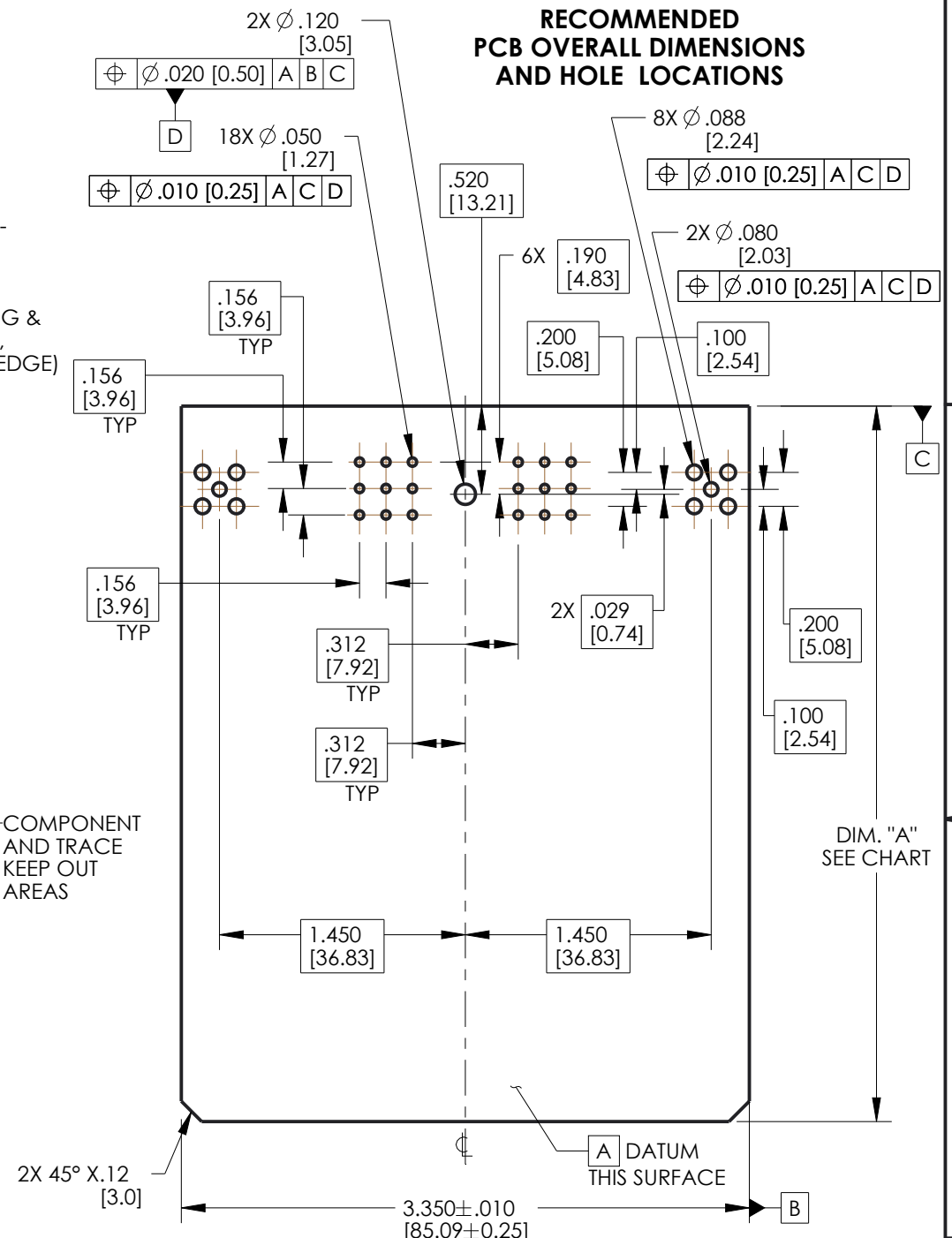
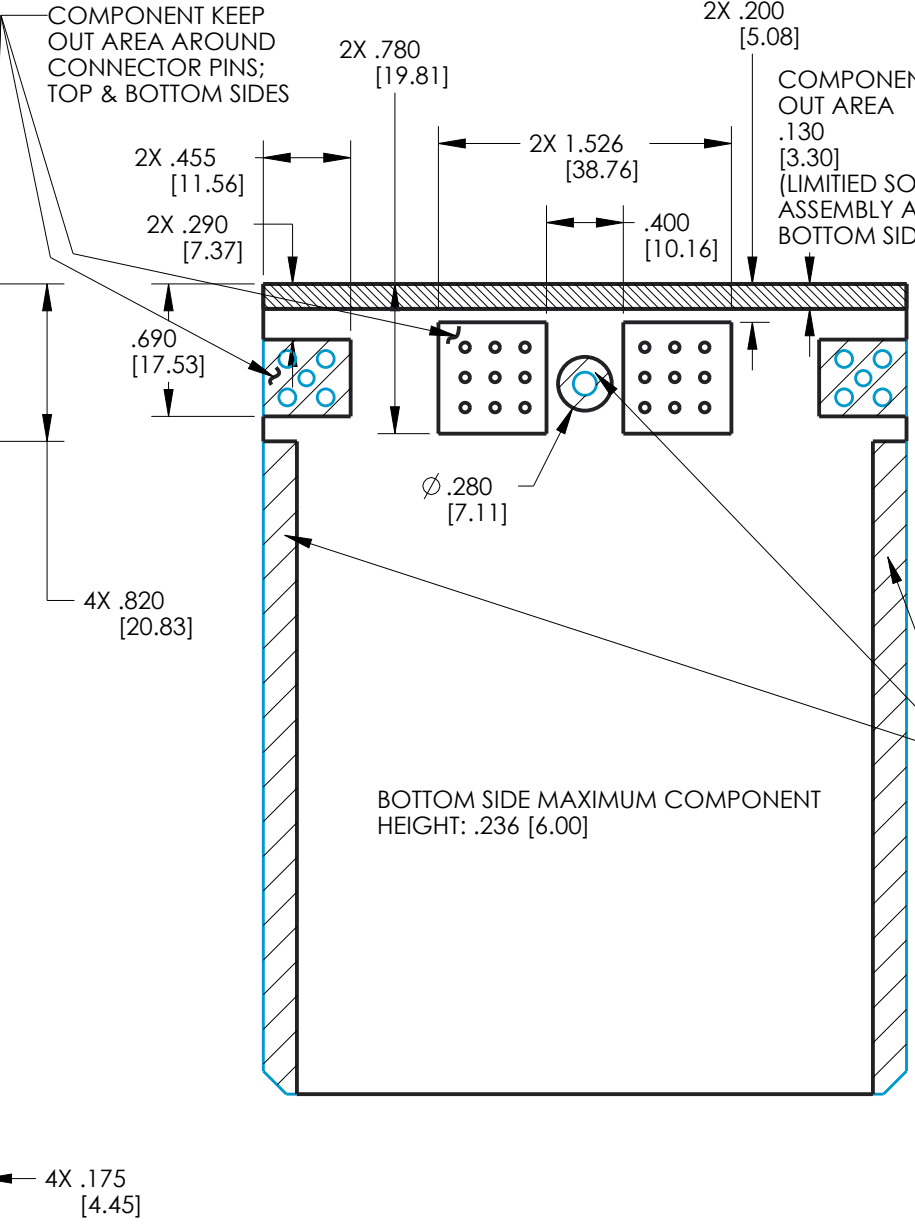
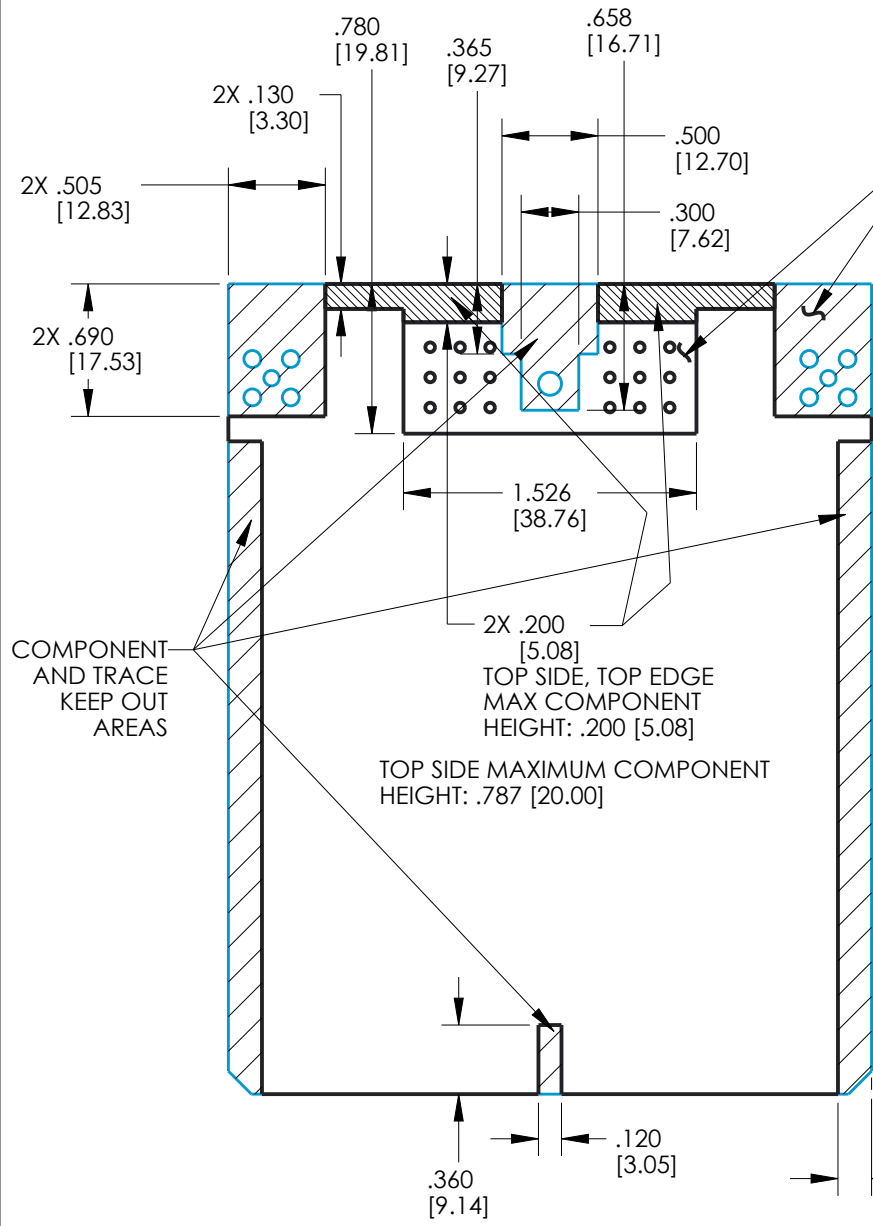
MODELED BY:
V. RICE

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

**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]

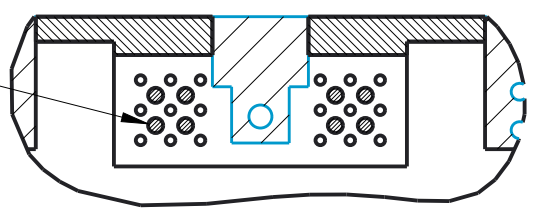
BOTTOM SIDE MAXIMUM COMPONENT HEIGHT: .236 [6.00]

COMPONENT AND TRACE KEEP OUT AREAS

DIM. "A" SEE CHART

A DATUM THIS SURFACE

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 ENGLISH INCHES	CINCH		1700 FINLEY RD LOMBARD, IL. 60148
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PRO/E DRAWING			
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	CAGE IDENT NO. 71785	SIZE B	SCALE 1:1
		SHEET 2 OF 2	