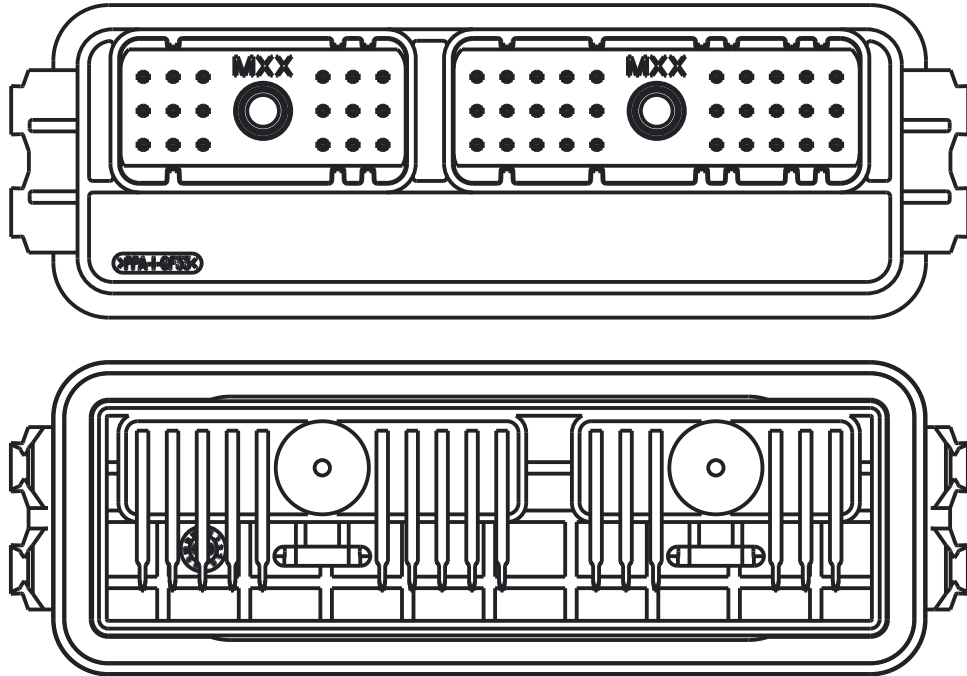
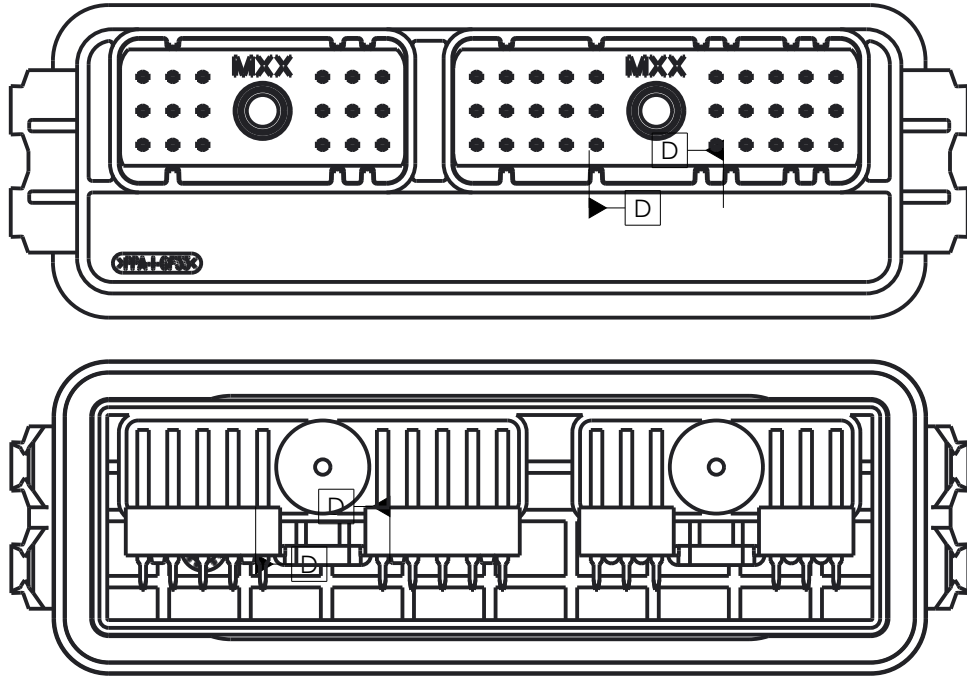


8	7	6	5	4	3	2	1							
CINCH PART NUMBER MATRIX P/N: 5810148009 48-WAY HEADER ASSEMBLY WITHOUT FERRITE FILTERS  P/N: 5810148010 48-WAY HEADER ASSEMBLY WITH FERRITE FILTERS  MATES WITH CINCH HARNESS CONNECTORS P/N: 5810118023 (18-WAY) AND 5810130029 (30-WAY) DRAWING REVISIONS (RELEASE DATE ON FILE) <table><tr><td>REV</td><td>DOCUMENT</td><td>APP</td><td>APPROVAL DATE</td></tr><tr><td>C</td><td>CO 3274</td><td>KR</td><td>7/18/16</td></tr></table>							REV	DOCUMENT	APP	APPROVAL DATE	C	CO 3274	KR	7/18/16
REV	DOCUMENT	APP	APPROVAL DATE											
C	CO 3274	KR	7/18/16											
D							D							
C							C							
B							B							
A							A							
8	7	6	5	4	3	2	1							

NOTES:

1. ALL DIMENSIONS ARE IN INCHES; DIMENSIONS INSIDE [.XX] ARE IN mm, AS REFERENCE ONLY

2. MATERIALS:

INTERFACE SEALS: SILICONE RUBBER, COLOR BLUE

INSULATOR: 30% GLASS FILLED POLYMER, COLOR BLACK

BUSHINGS: 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, 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 3.

6. MATES WITH CINCH SHS PUSH-TO-SEAT HARNESS CONNECTORS (SEE TABLE ABOVE)

7. TORQUE MATING CONNECTOR SCREW TO 15 - 20 IN*LBS [1.70 - 2.26 N*m]

UNITS	ENGLISH INCHES		PRO/E	MODELED BY: A. ECKHART
DO NOT SCALE DRAWING	DESIGN ENGINEER A. ECKHART	DATE 4/3/09	TITLE 48-WAY HEADERS MODICE ME	1700 FINLEY RD LOMBARD, IL. 60148
CONFIDENTIAL 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	APPROVALS ON FILE		MATERIAL SEE NOTES	CONTROL SPEC NUMBER
			MATERIAL SPEC NUMBER	PROJECT NUMBER A14926
			CAD FILE NUMBER 5810148009S	DRAWING NUMBER 5810148009S
			CAGE IDENT NO. 71785	SCALE 1:1

8

7

6

5

4

3

2

1

NOTES:

1. ALL DIMENSIONS ARE IN INCHES; DIMENSIONS INSIDE [.XX] ARE IN mm, AS REFERENCE ONLY
2. MATERIALS:

INTERFACE SEALS: SILICONE RUBBER, COLOR BLUE

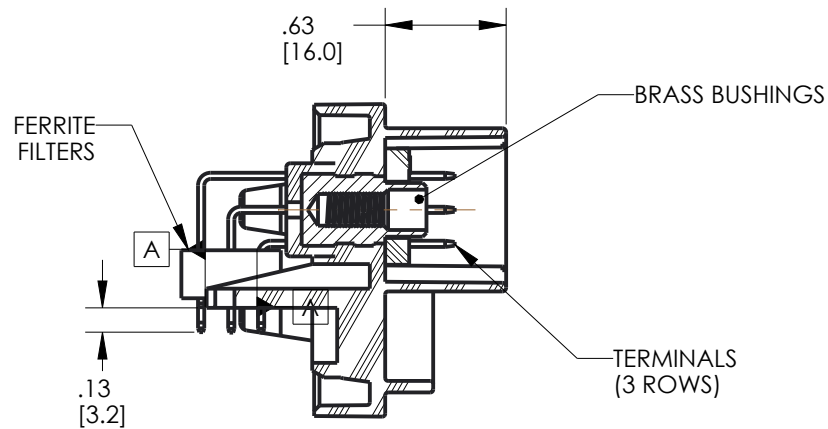
INSULATOR: 30% GLASS FILLED POLYMER, COLOR BLACK

BUSHINGS: BRASS ALLOY, UNPLATED 10-24 UNC THREAD

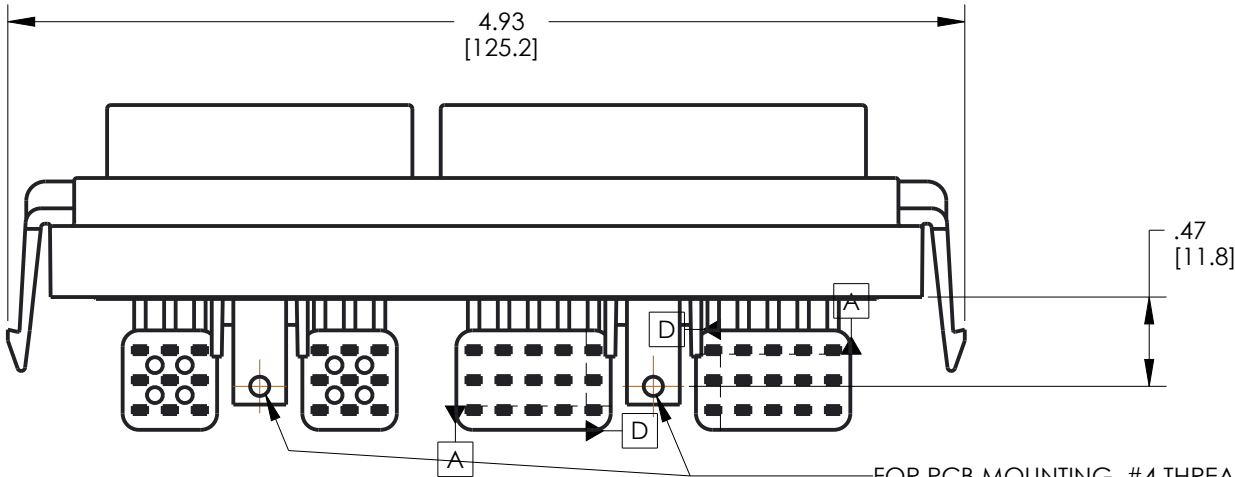
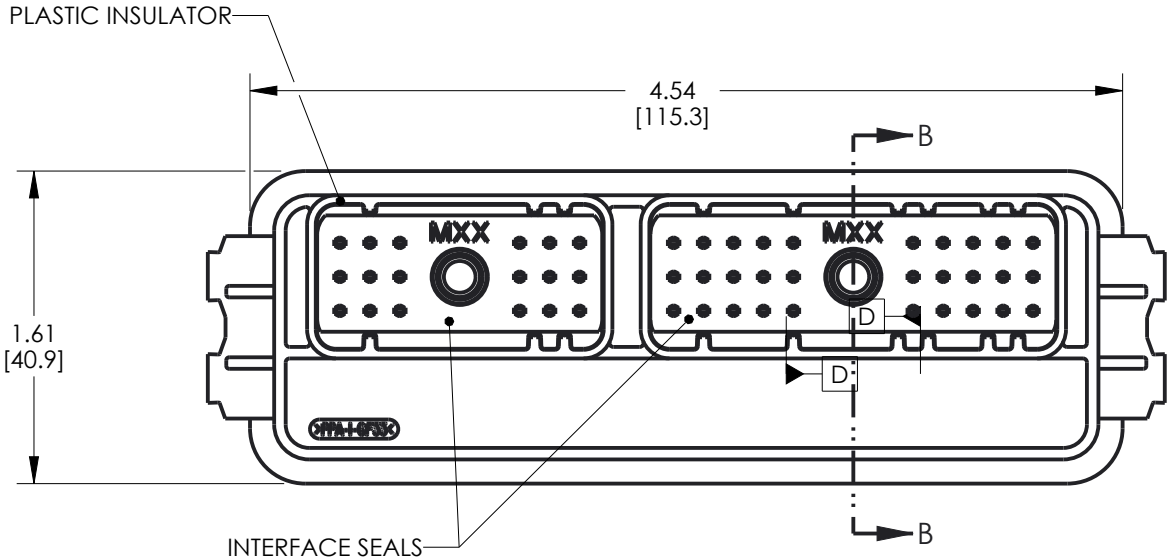
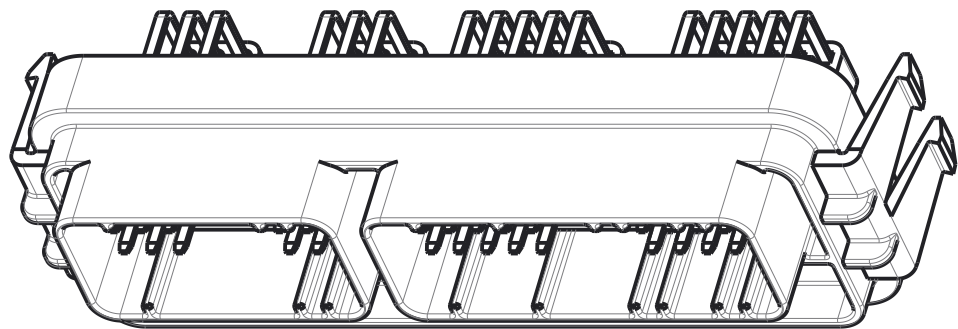
TERMINAL BLADES: 1.5 mm BRASS WITH TIN OVER NICKEL PLATING

FILTERS: FERRITE BLOCKS
3. ALL HEADERS ARE REFLOW OR WAVE SOLDERING PROCESS, 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 3.
6. MATES WITH CINCH SHS PUSH-TO-SEAT HARNESS CONNECTORS (SEE TABLE ABOVE)
7. TORQUE MATING CONNECTOR SCREW TO 15 - 20 IN*lbs [1.70 - 2.26 N*m]

UNITS	ENGLISH INCHES		PRO/E	MODELED BY: A. ECKHART
DO NOT SCALE DRAWING	DESIGN ENGINEER A. ECKHART	DATE 4/3/09	TITLE 48-WAY HEADERS MODICE ME	
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			MATERIAL SPEC NUMBER	PROJECT NUMBER A14926
			CAD FILE NUMBER 5810148009S	DRAWING NUMBER 5810148009S
			CAGE IDENT NO. 71785	SIZE B
		SCALE 1:1	SHEET 1 OF 3	



SECTION B-B



CINCH P/N: 5810148010 SHOWN
(HEADER WITH FILTERS)

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

UNITS		CINCH		1700 FINLEY RD LOMBARD, IL. 60148		
ENGLISH INCHES						
DO NOT SCALE DRAWING		TITLE 48-WAY HEADERS MODICE ME				
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		CAD FILE NUMBER 5810148009S		DRAWING NUMBER 5810148009S		REV C
		CAGE IDENT NO. 71785	SIZE B	SCALE 1:1	SHEET 2 OF 3	

