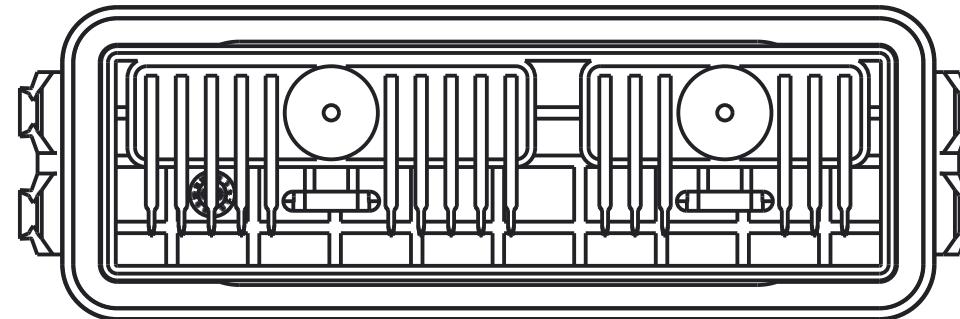
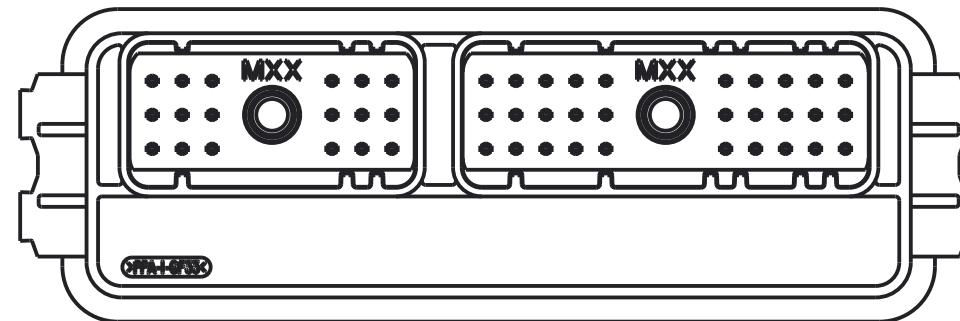


CINCH PART NUMBER MATRIX

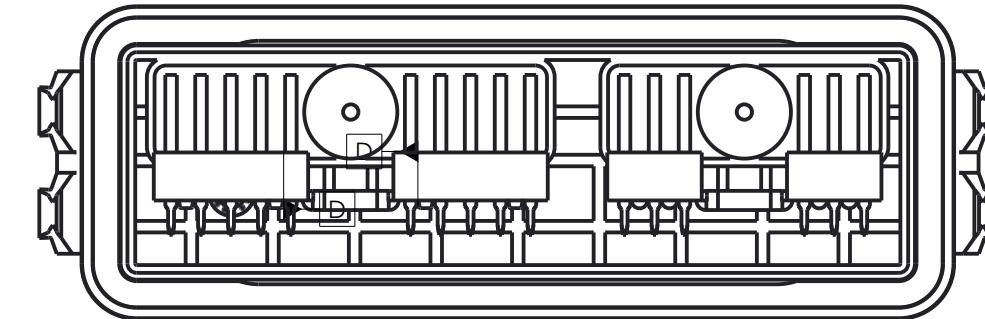
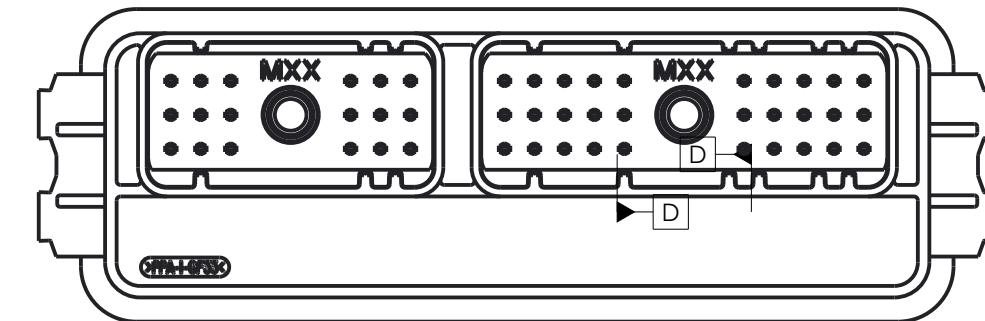
P/N: 5810148009

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)

NOTES:

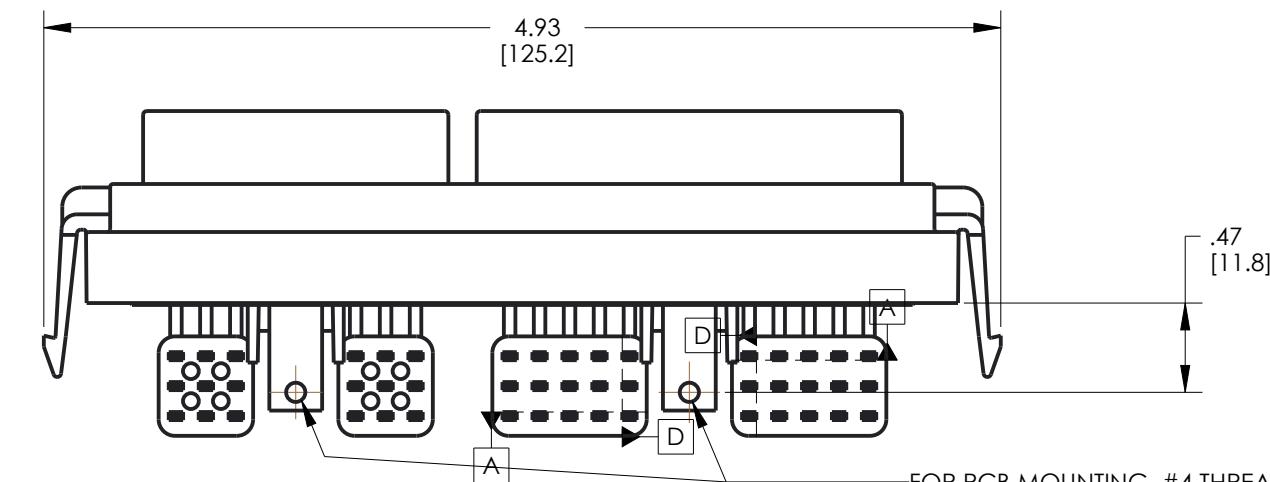
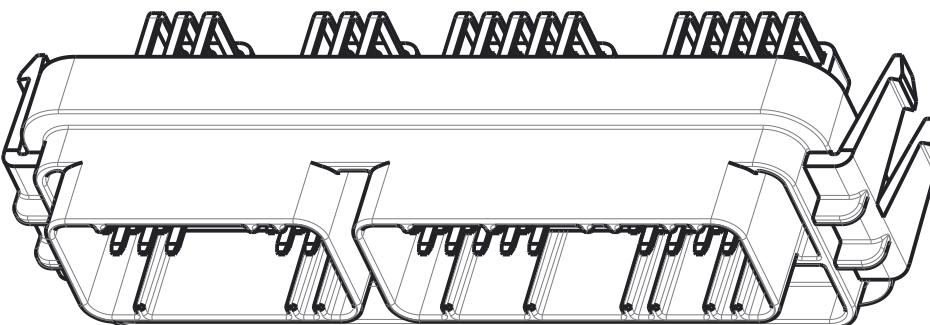
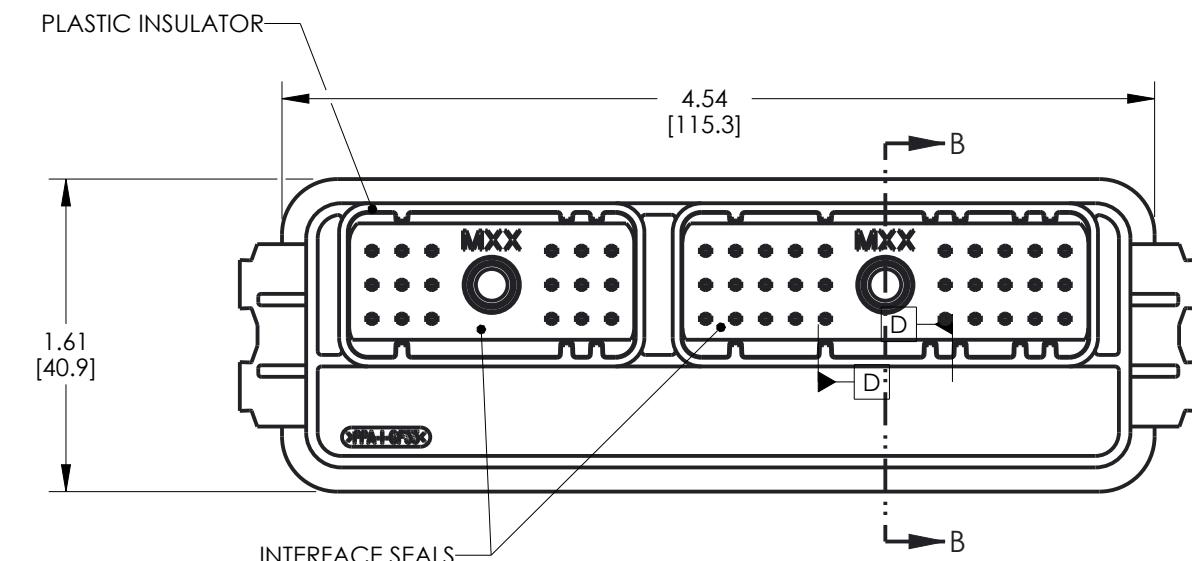
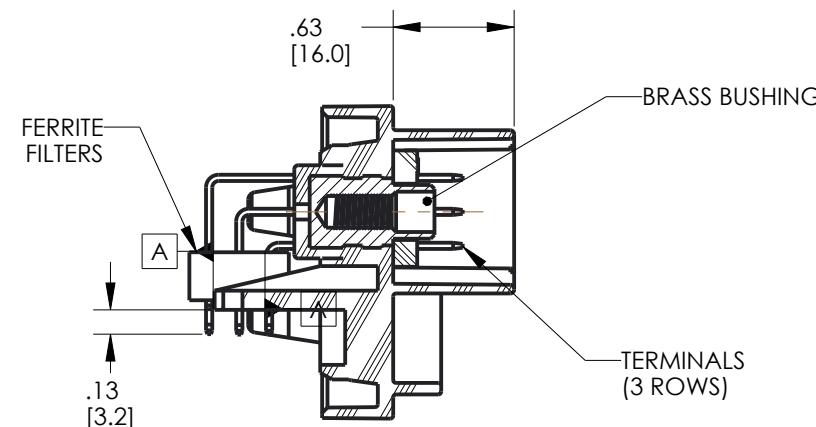
1. ALL DIMENSIONS ARE IN INCHES; DIMENSIONS INSIDE [.XX] ARE IN mm, AS REFERENCE ONLY
2. MATERIALS:
 - INTERFACE SEALS: SILICONE RUBBER, COLOR BLUE
 - INSULATOR: 30% GLASS FILLED POLYMER, COLOR BLACK
 - BUSHINGS: BRASS ALLOY, UNPLATED 10-24 UNC THREAD
 - TERMINAL BLADES: 1.5 mm BRASS WITH TIN OVER NICKEL 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	CINCH	
DO NOT SCALE DRAWING		DESIGN ENGINEER A. ECKHART	DATE 4/3/09	TITLE 48-WAY HEADERS MODICE ME	MODELED BY: A. ECKHART 1700 FINLEY RD LOMBARD, IL 60148
				MATERIAL SEE NOTES	CONTROL SPEC NUMBER
				MATERIAL SPEC NUMBER	FINISH
					PROJECT NUMBER A14926
		CONFIDENTIAL	APPROVALS ON FILE	CAD FILE NUMBER 5810148009S	DRAWING NUMBER 5810148009S
				CAGE IDENT NO. 71785	SCALE 1:1
				SIZE B	SHEET 1 OF 3

8 7 6 5 4 3 2 1

D

D



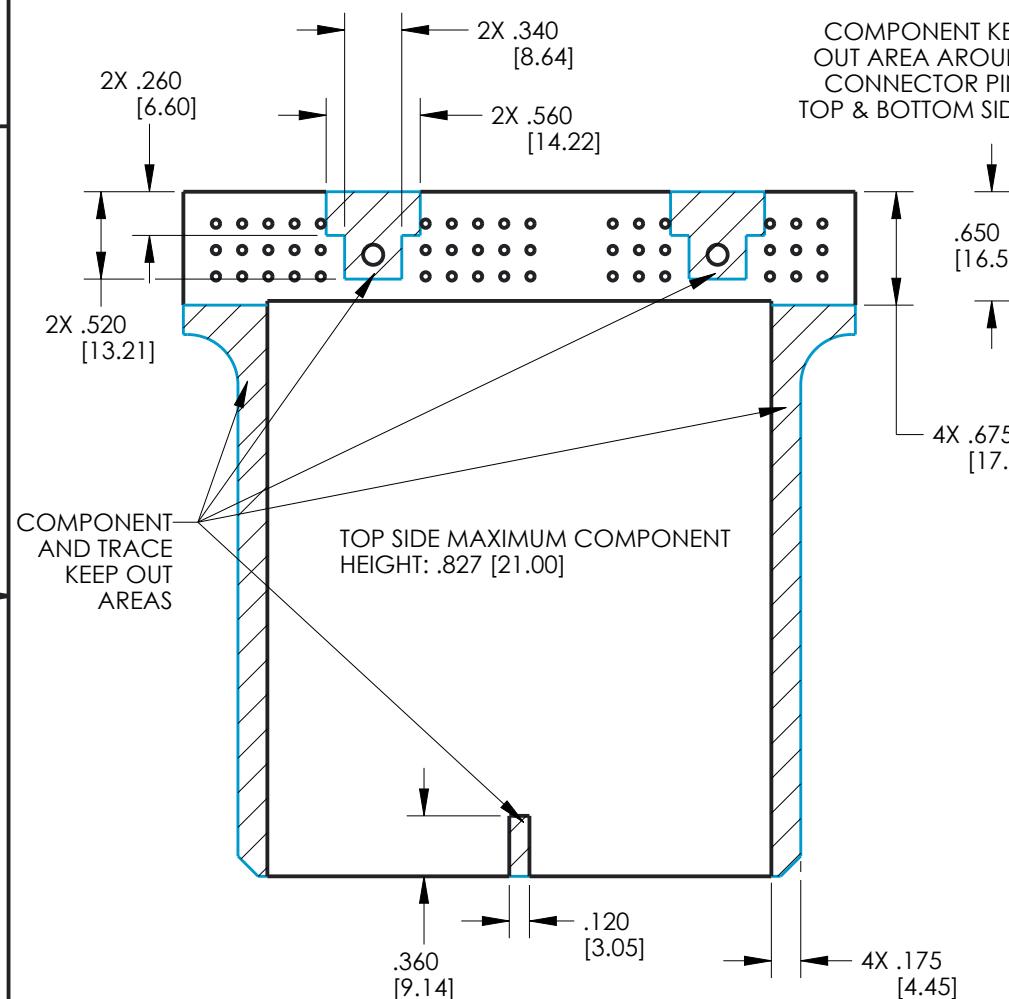
FOR PCB MOUNTING, #4 THREAD CUTTING SCREWS (TYPE 23 OR SIMILAR) ARE RECOMMENDED; TORQUE TO 2-3 IN*LBS [0.23-0.34Nm]

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

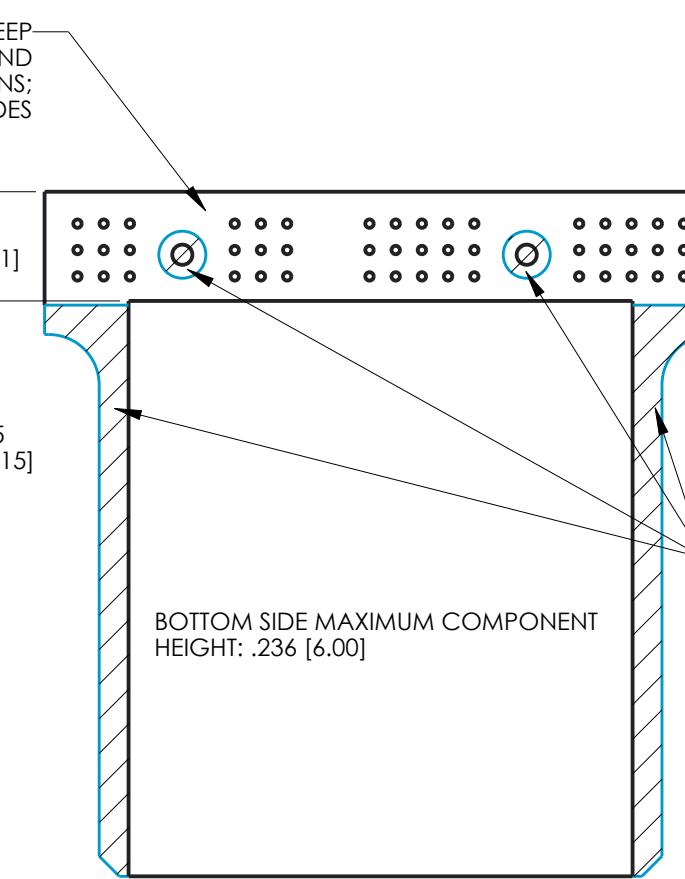
UNITS	ENGLISH INCHES	CINCH	1700 FINLEY RD LOMBARD, IL 60148
DO NOT SCALE DRAWING			
		TITLE	48-WAY HEADERS MODICE ME
			PRO/E DRAWING
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8 7 6 5 4 3 2 1

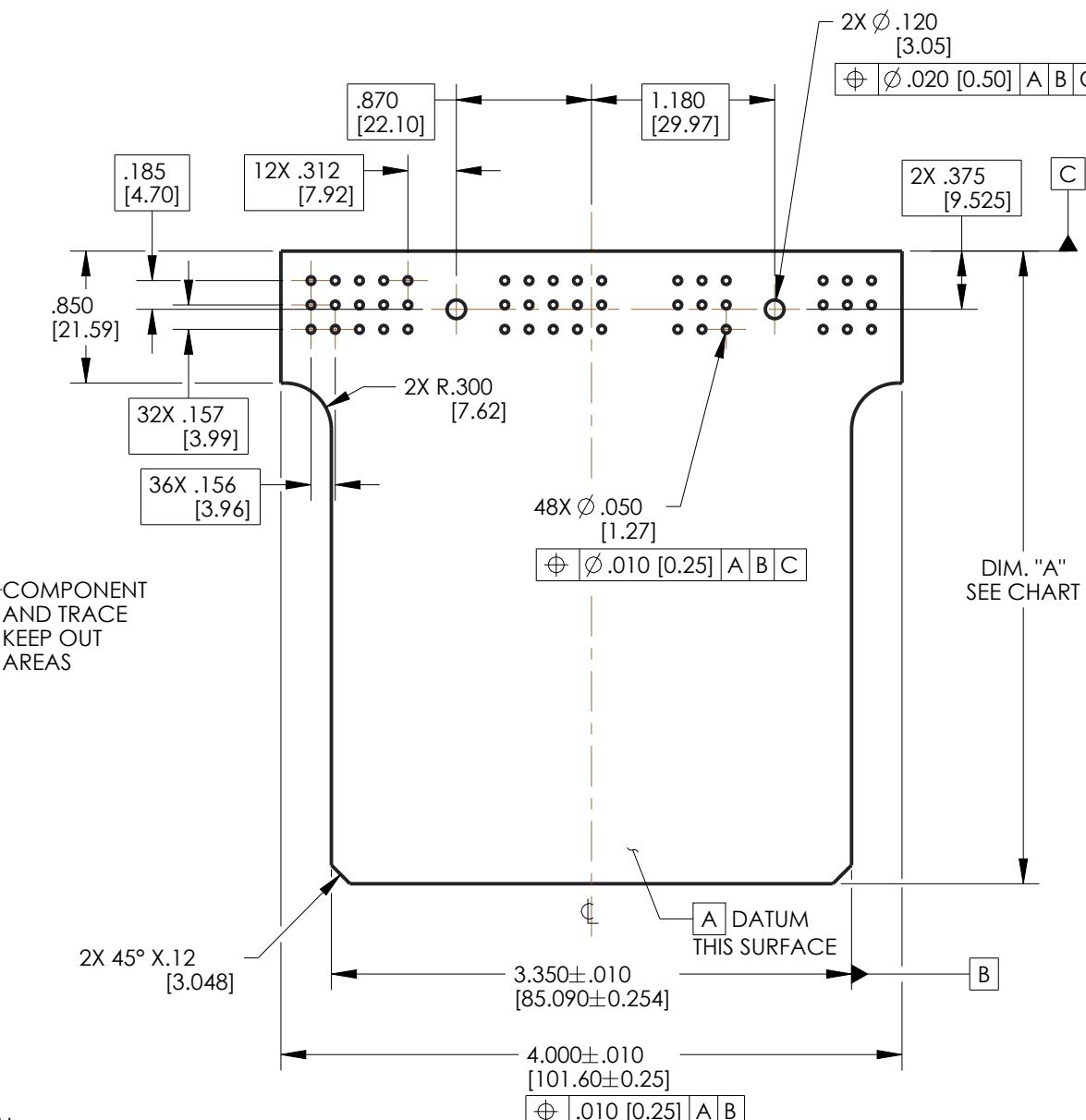
PCB TOP SIDE GENERAL ZONING AND KEEP-OUT AREAS



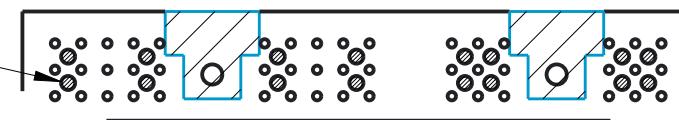
PCB BOTTOM SIDE GENERAL ZONING AND KEEP-OUT AREAS



PCB OVERALL DIMENSIONS AND HOLE LOCATIONS



FERRITE SPACER FEET
TRACE KEEP OUT
AREAS (16 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
4.075±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

UNITS
ENGLISH INCHES
DO NOT SCALE DRAWING

CINCH1700 FINLEY RD
LOMBARD, IL 60148TITLE
48-WAY HEADERS
MODICE ME**PRO/E DRAWING**DRAWING NUMBER
5810148009SREV
C

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CAD FILE NUMBER
5810148009S
CAGE IDENT NO.
71785
SIZE
B

DRAWING NUMBER
5810148009S
SCALE
7:8
SHEET 3 OF 3