

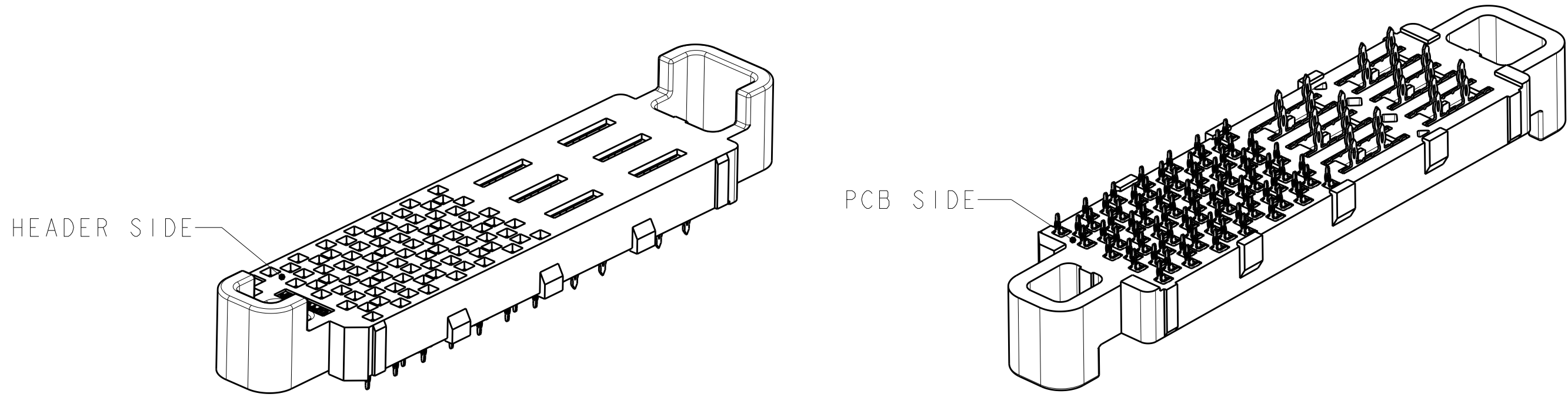
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER ECO-14-005178	11APR2014	AP	MH

D

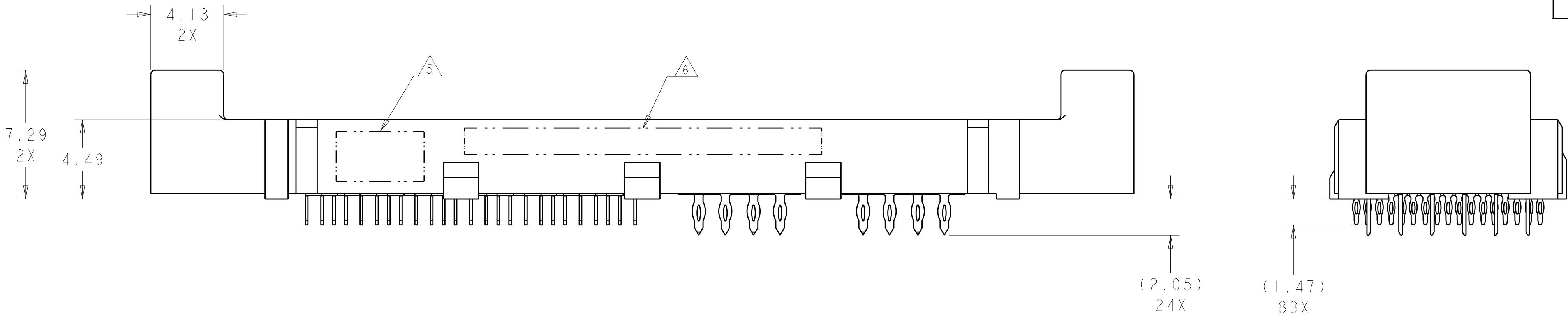
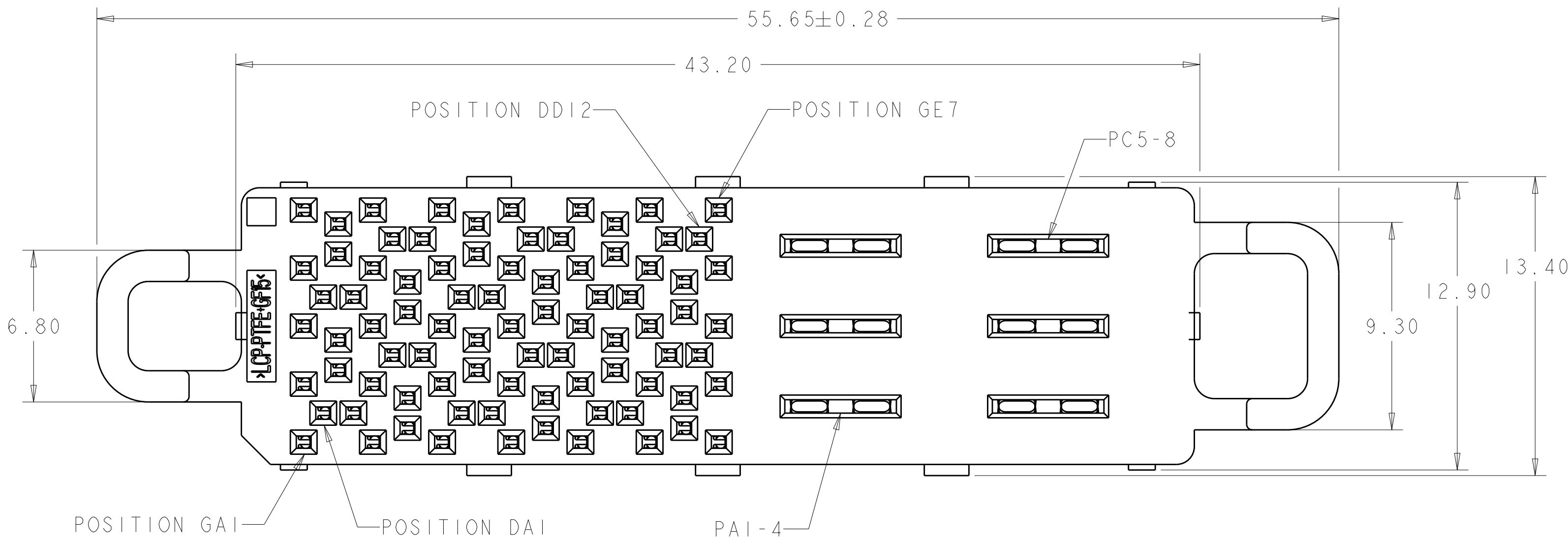
C

B

A



ISOMETRIC VIEWS  
SCALE 3:1



- 1 MATERIAL:  
HOUSING: THERMOPLASTIC, FLAMMABILITY RATING  
UL94 V-0  
CONTACT: COPPER ALLOY
2. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT  
SPECIFICATION, 108-2375; BASED ON TELCORDIA  
GR-1217-CORE FOR SYSTEM QUALITY LEVEL III,  
APPLICATIONS IN CONTROLLED ENVIRONMENTS  
(CENTRAL OFFICE).  
SEE TE PRODUCT SPECIFICATION 108-2375 FOR  
TEST SEQUENCES.
- 3 ROWS GA THRU GE (SHOWN DARKENED) ARE TYPICALLY  
USED AS GROUNDS.
- 4 SPECIFIED POSITIONAL TOLERANCE DEFINES HOLE TO  
HOLE LOCATION WITHIN HOLE PATTERN. POSITIONAL  
TOLERANCE OF HOLE PATTERN TO FIDUCIAL MARKS  
OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER.
- 5 AREA RESERVED FOR TE CONNECTIVITY LOGO.
- 6 AREA RESERVED FOR PART NUMBER (X-XXXXXX-X) AND  
DATE CODE (YYWW).
- 7 USE CENTER LINES INDICATED ON PCB HOLE PATTERN  
TO ESTABLISH ALIGNMENT BETWEEN HEADER AND  
RECEPTACLE BOARDS.
- 8 PLATED THROUGH HOLE REQUIREMENTS - SIGNAL:  
HOLE SIZE PRIOR TO PLATING =  $\varnothing 0.420 \pm 0.013$   
COPPER PLATING THICKNESS =  $0.038 \pm 0.013$   
CALCULATED FINISHED HOLE SIZE =  $\varnothing 0.344 \pm 0.039$   
THESE DIMENSIONS APPLY TO THE TOP 1.25mm OF  
THE PCB THICKNESS FROM THE CONNECTOR MOUNTING  
SIDE.
- 9 PLATED THROUGH HOLE REQUIREMENTS - POWER:  
HOLE SIZE PRIOR TO PLATING =  $\varnothing 0.700 \pm 0.025$   
COPPER PLATING THICKNESS =  $0.038 \pm 0.013$   
CALCULATED FINISHED HOLE SIZE =  $\varnothing 0.624 \pm 0.051$   
THESE DIMENSIONS APPLY TO THE TOP 1.50mm OF  
THE PCB THICKNESS FROM THE CONNECTOR MOUNTING  
SIDE.

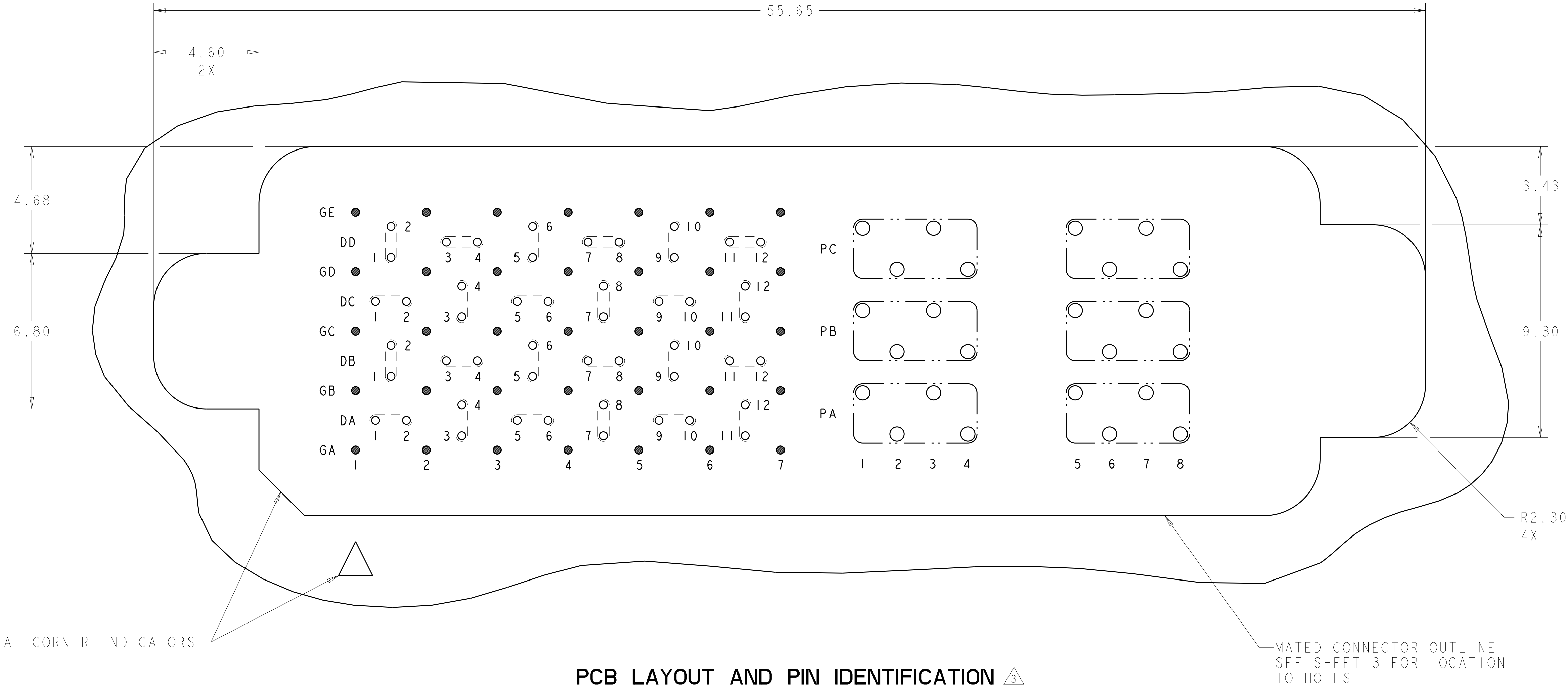
**SIZE 2 HALF WIDE W/GUIDE POSTS \***  
**24 DIFFERENTIAL PAIRS + GROUNDS**  
**83 TOTAL SIGNAL CONTACTS**  
**6 POWER CONTACTS**

\* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

THIS PRODUCT HAS NOT  
COMPLETED VALIDATION AND  
QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HAMNER 03JUN2011	TE Connectivity	
DIMENSIONS:		CHK D. TROUT 07JUN2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD J. FEEDER 07JUN2011	NAME RECEPTACLE ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR	
	0 PLC ± 1 PLC ± 2 PLC ±0.13 3 PLC ±0.013 4 PLC ± ANGLES ±°	PRODUCT SPEC 108-2375 APPLICATION SPEC 114-13249		
MATERIAL	FINISH	WEIGHT	SIZE A1	CAGE CODE 00779
Customer Drawing		Customer Drawing	SCALE 6:1	SHEET 1 OF 3
			REV A	

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

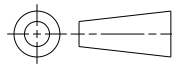


PCB LAYOUT AND PIN IDENTIFICATION   
SHOWN FROM CONNECTOR SIDE  
SCALE 9:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



MATERIAL

-

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±"

±"

±0.13

±0.013

±"

±1

-

-

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

Customer Drawing

03JUN2011

07JUN2011

07JUN2011

114-13249

-


NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

 TE Connectivity

RECEPTACLE ASSEMBLY,  
HALF-WIDE, 24/83/6P,  
STRADA MESA MEZZANINE CONNECTOR

A100779

C=2180761

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SCALE

6:1

SHEET

2

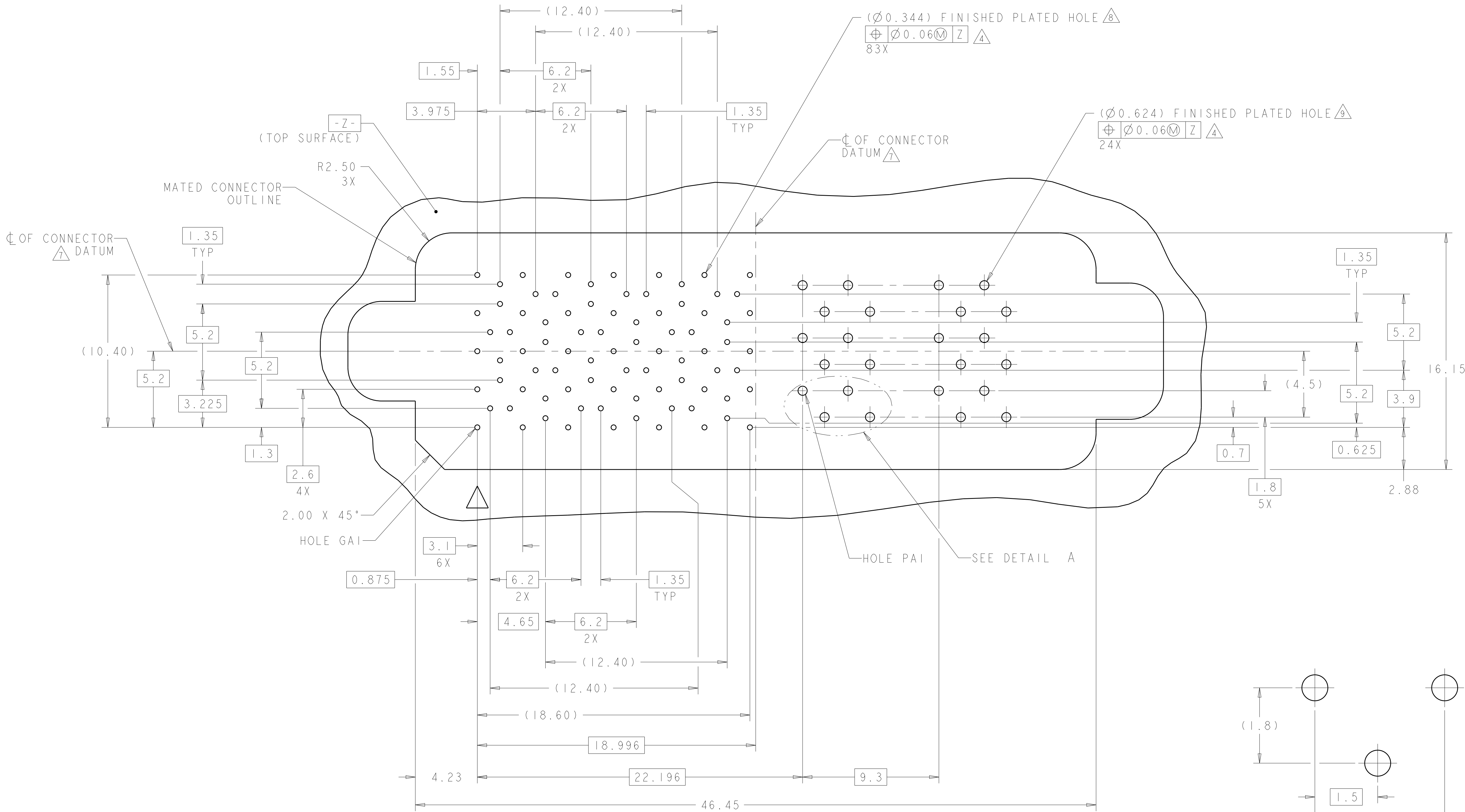
OF

3

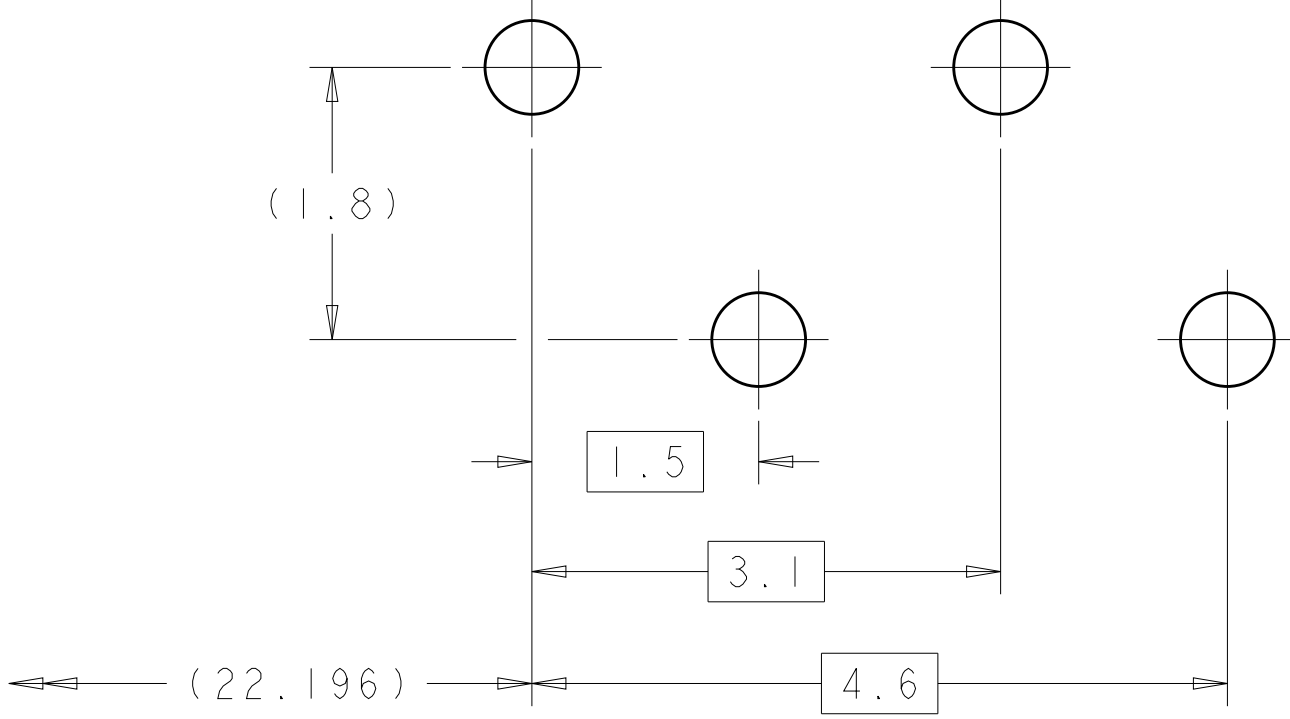
REV

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



PCB HOLE PATTERN  
SHOWN FROM CONNECTOR SIDE  
SCALE 7:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: HAMNER 03JUN2011	TE Connectivity	
DIMENSIONS:		CHK: D. TROUT 07JUN2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: FEDEER 07JUN2011	NAME: RECEPTACLE ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR	
Ø	0 PLC ±	PRODUCT SPEC	SIZE: CAGE CODE: DRAWING NO: RESTRICTED TO:	
1 PLC ±	2 PLC ±0.13	108-2375	A100779C=2180761	
3 PLC ±0.013	4 PLC ±	APPLICATION SPEC	SCALE: 6:1 SHEET 3 OF 3 REV A	
ANGLES	FINISH	114-13249	Customer Drawing	
MATERIAL	-	WEIGHT	-	
-	-	-	-	