LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
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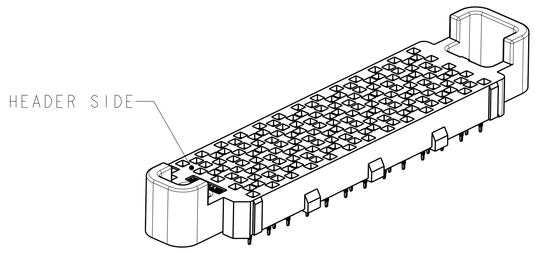
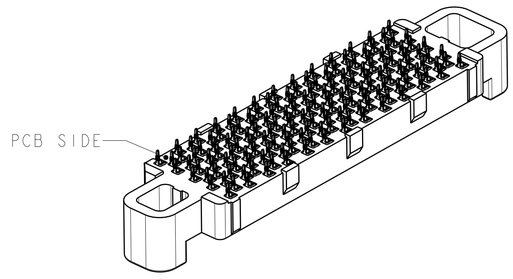
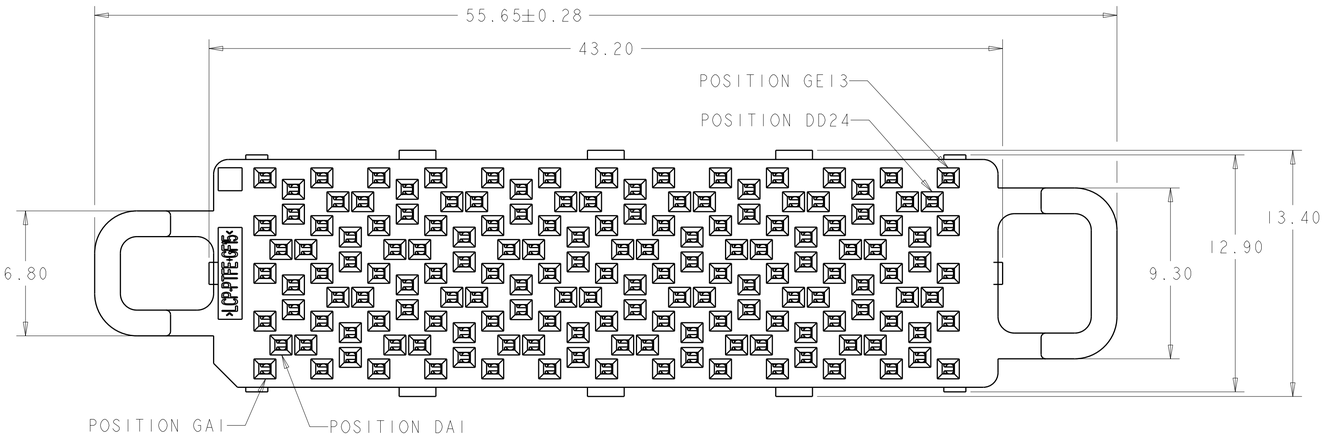
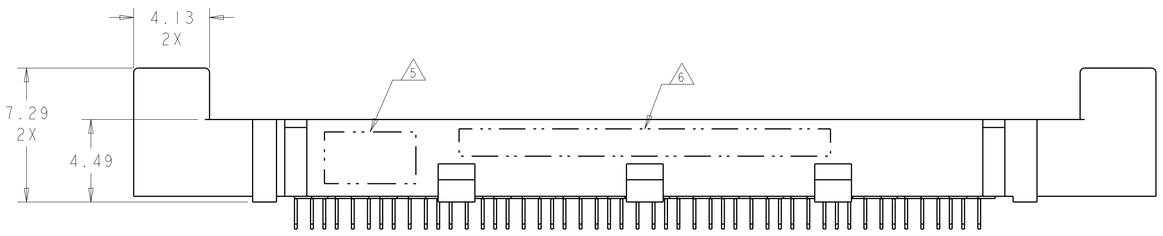
	3	REVISED	11MAY2012	REH	DT

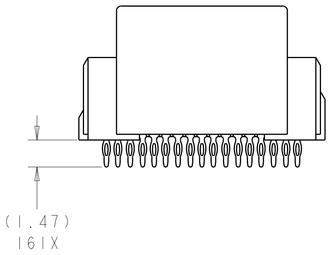




ISOMETRIC VIEWS
SCALE 3:1







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-XXXXXXX-X) AND DATE CODE (YYWW).

7. USE CENTERLINES INDICATED ON PCB HOLE PATTERN TO ESTABLISH ALIGNMENT BETWEEN HEADER AND RECEPTACLE BOARDS.

8. PLATED THROUGH HOLE REQUIREMENTS:
   HOLE SIZE PRIOR TO PLATING = Ø0.420±0.013
   COPPER PLATING THICKNESS = 0.038±0.013
   CALCULATED FINISHED HOLE SIZE = Ø0.344±0.039
   THESE DIMENSIONS APPLY TO THE TOP 1.25mm OF THE PCB THICKNESS FROM THE CONNECTOR MOUNTING SIDE.

SIZE 2 HALF-WIDE W/GUIDE POSTS *
48 DIFFERENTIAL PAIRS + GROUNDS
161 TOTAL SIGNAL CONTACTS

* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

THIS PRODUCT HAS NOT COMPLETED VALIDATION AND QUALIFICATION TESTING

TOOLED	CONTACT TAIL PLATING	PART NUMBER
YES	MATTE Sn	5-2149781-1
	Sn/Pb	2149781-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±-
ANGLES ±1

MATERIAL 1
FINISH - -

DWN	J HAMNER	25SEP2010
CHK	D TROUT	29SEP2010
APVD	J FEDDER	29SEP2010
PRODUCT SPEC	108-2375	
APPLICATION SPEC	114-13249	
WEIGHT	-	

TE Connectivity

NAME: RECEPTACLE ASSEMBLY, HALF-WIDE, 48/161, STRADA MESA MEZZANINE CONNECTOR

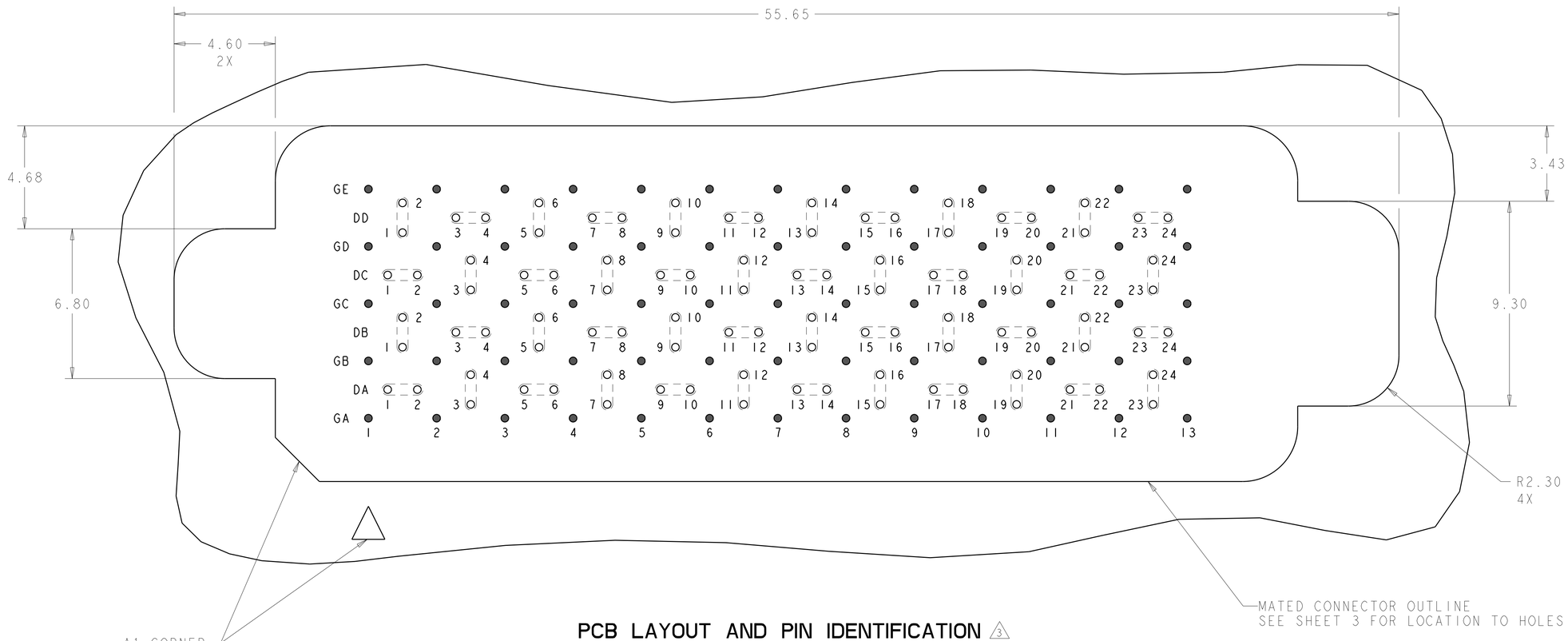
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2149781	-

CUSTOMER DRAWING | SCALE 6:1 | SHEET 1 OF 3 | REV 3

LOC	DIST
GP	00

REVISIONS

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



PCB LAYOUT AND PIN IDENTIFICATION △3

SHOWN FROM CONNECTOR SIDE

SCALE 9:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±-
ANGLES ±1

MATERIAL -
FINISH -

DWN HAMNER	25SEP2010
CHK D. TROUT	29SEP2010
APVD J. FEDDER	29SEP2010
PRODUCT SPEC	108-2375
APPLICATION SPEC	114-13249
WEIGHT -	

TE Connectivity

NAME RECEPTACLE ASSEMBLY, HALF-WIDE, 48/161, STRADA MESA MEZZANINE CONNECTOR

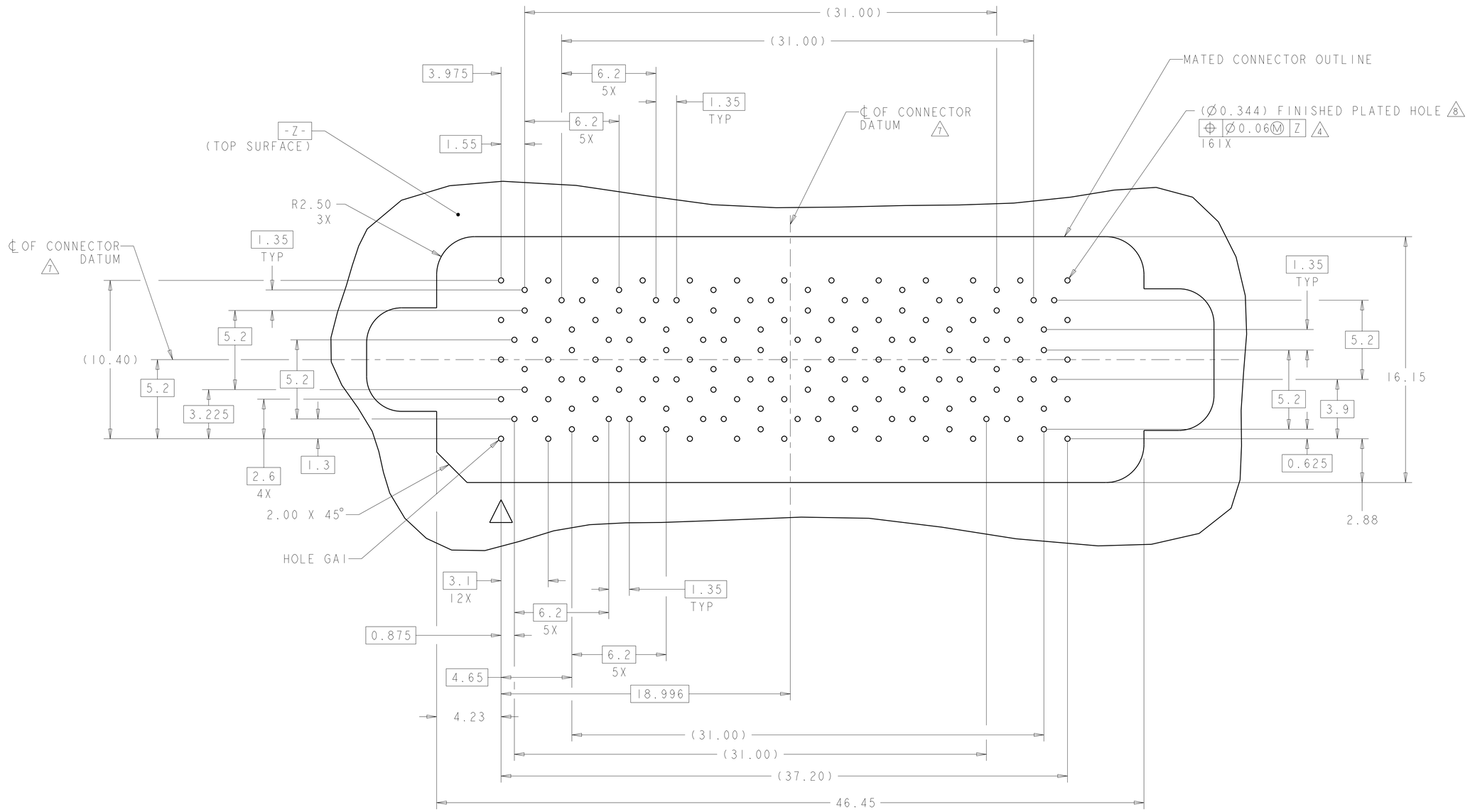
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2149781	-

CUSTOMER DRAWING | SCALE 6:1 | SHEET 2 OF 3 | REV 3

LOC	DIST
GP	00

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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±-
ANGLES ±1

MATERIAL -
FINISH -

DWN HAMNER 25SEP2010
CHK D TROUT 29SEP2010
APVD J FEDDER 29SEP2010
PRODUCT SPEC 108-2375
APPLICATION SPEC 114-13249
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, HALF-WIDE, 48/161, STRADA MESA MEZZANINE CONNECTOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2149781	-

CUSTOMER DRAWING

SCALE	SHEET	OF	REV
6:1	3	3	3