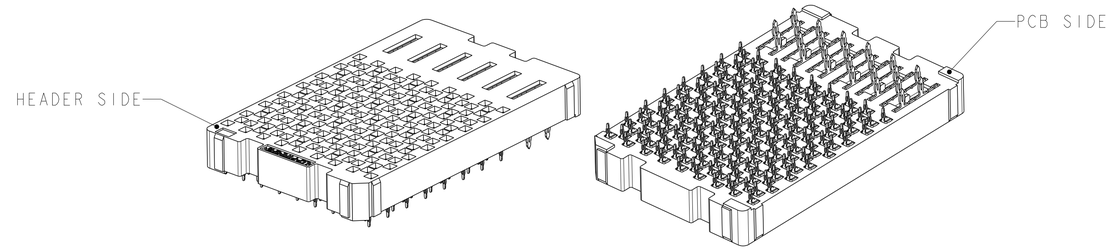
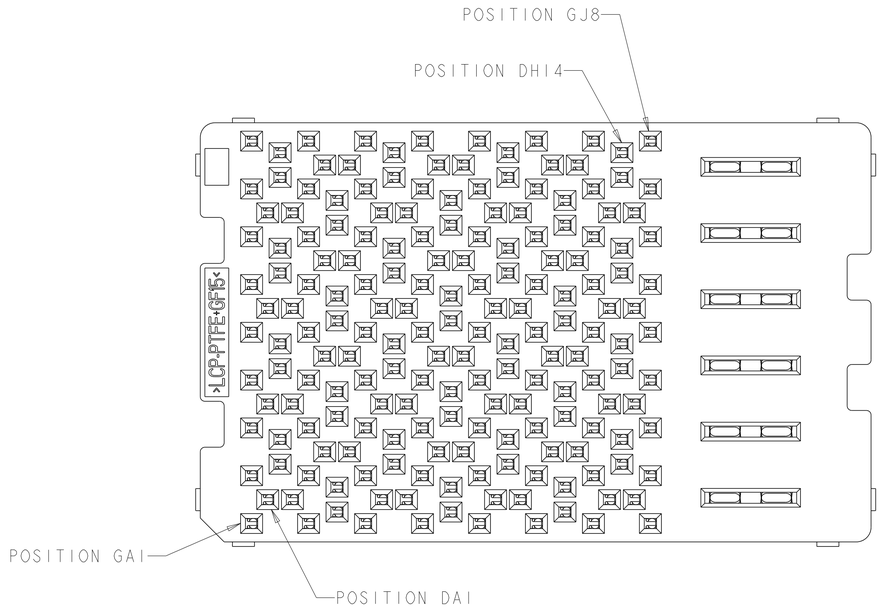
LOC	DIST
GP	00

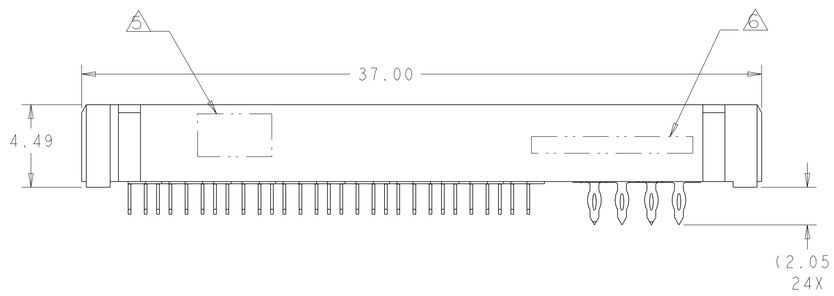
REVISIONS

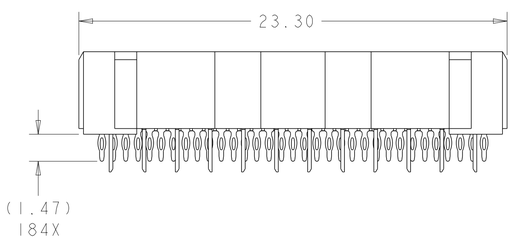
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECR-21-122345	23NOV22	TL	HL
					DT



ISOMETRIC VIEW
SCALE 3:1







1. MATERIAL:
   HOUSING: THERMOPLASTIC, FLAMMABILITY RATING UL94-VO
   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 CONNECTIVITY PRODUCT SPECIFICATION 108-2375 FOR TEST SEQUENCES.

3. ROWS GA THRU GJ (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 - SIGNAL:
   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.

9. PLATED THROUGH HOLE REQUIREMENTS - POWER:
   HOLE SIZE PRIOR TO PLATING = Ø0.700±0.025
   COPPER PLATING THICKNESS = 0.038±0.013
   CALCULATED FINISHED HOLE SIZE = Ø0.624±0.051
   THESE DIMENSIONS APPLY TO THE TOP 1.50mm OF THE PCB THICKNESS FROM THE CONNECTOR MOUNTING SIDE.

SIZE 2 HOUSING *
56 DIFFERENTIAL PAIRS
184 TOTAL SIGNAL CONTACTS
6 POWER CONTACTS

* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

THIS PRODUCT HAS NOT COMPLETED VALIDATION AND QUALIFICATION TESTING

YES	MATTE Sn	5-2057461-1
OBSOLETE	~~Sn/Pb~~	~~2057461-1~~
TOOLED	CONTACT TAIL PLATING	PART NUMBER

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 D.RINGLER 04SEP2008
CHK D.TROUT 04SEP2008
APVD J.FEDDER 04SEP2008
PRODUCT SPEC 108-2375
APPLICATION SPEC 114-13249
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY 56/184/6P STRADA MESA MEZZANINE CONNECTOR

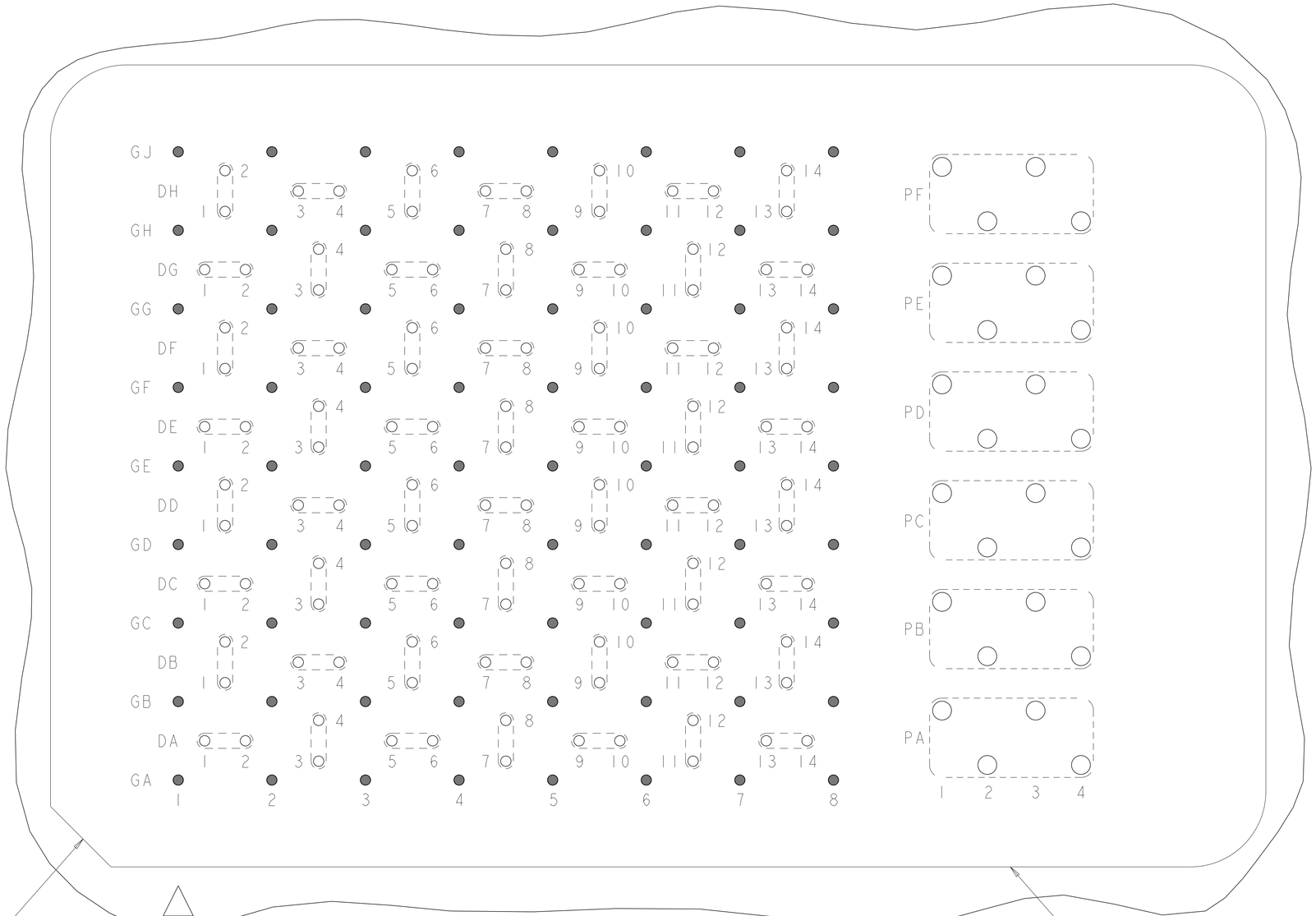
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2057461	

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

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 12:1

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	D.RINGLER	04SEP2008
CHK	D.TROUT	04SEP2008
APVD	J.FEDDER	04SEP2008
PRODUCT SPEC	108-2375	
APPLICATION SPEC	114-13249	
WEIGHT	-	

TE Connectivity

NAME: RECEPTACLE ASSEMBLY 56/184/6P STRADA MESA MEZZANINE CONNECTOR

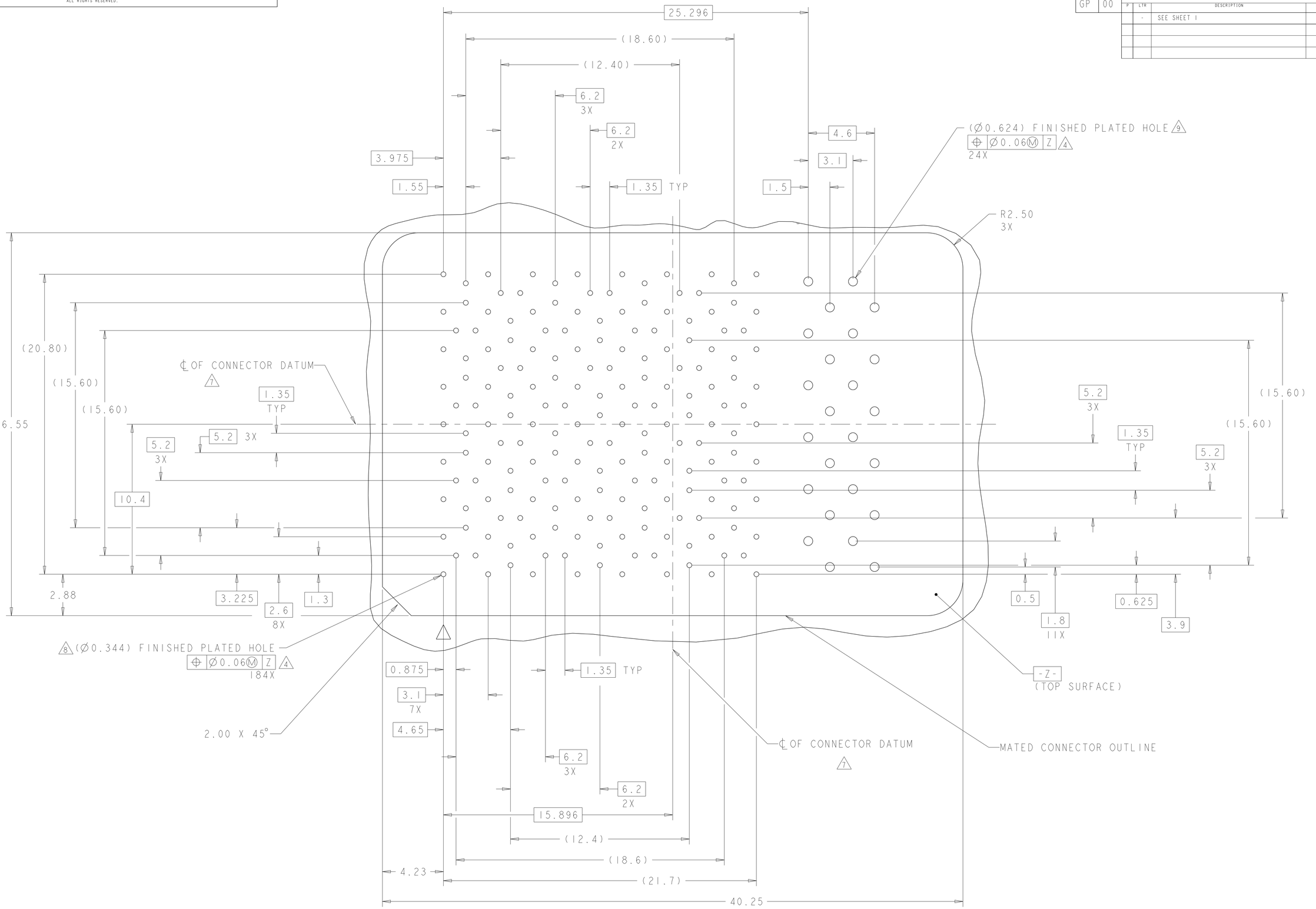
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2057461	

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

LOC	DIST
GP	00

REVISIONS

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



PCB HOLE PATTERN

SHOWN FROM CONNECTOR SIDE

SCALE 8:1

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	D.RINGLER	04SEP2008
CHK	D.TROUT	04SEP2008
APVD	J.FEDDER	04SEP2008

PRODUCT SPEC 108-2375

APPLICATION SPEC 114-13249

WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY 56/184/6P STRADA MESA MEZZANINE CONNECTOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2057461	

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