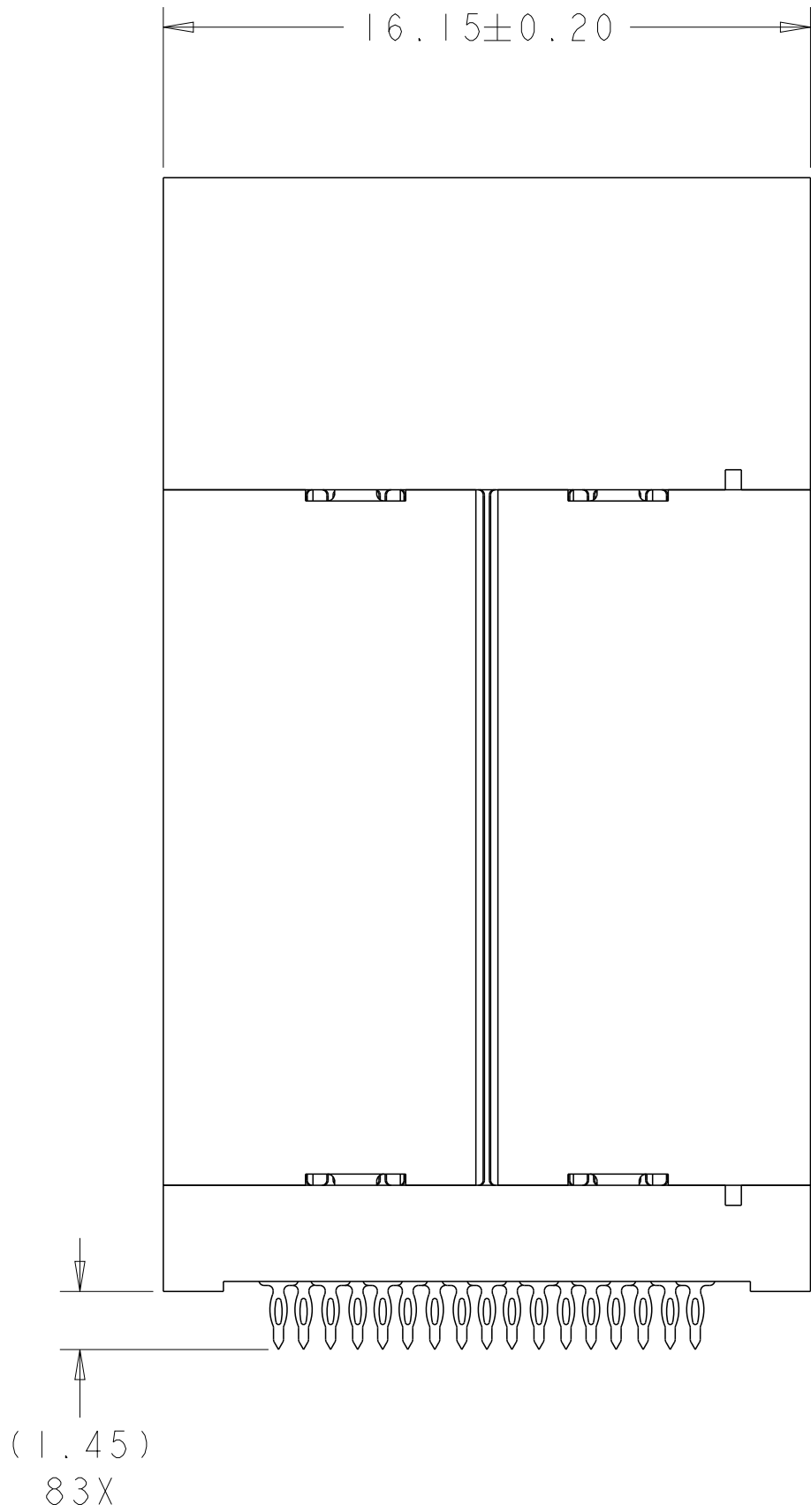
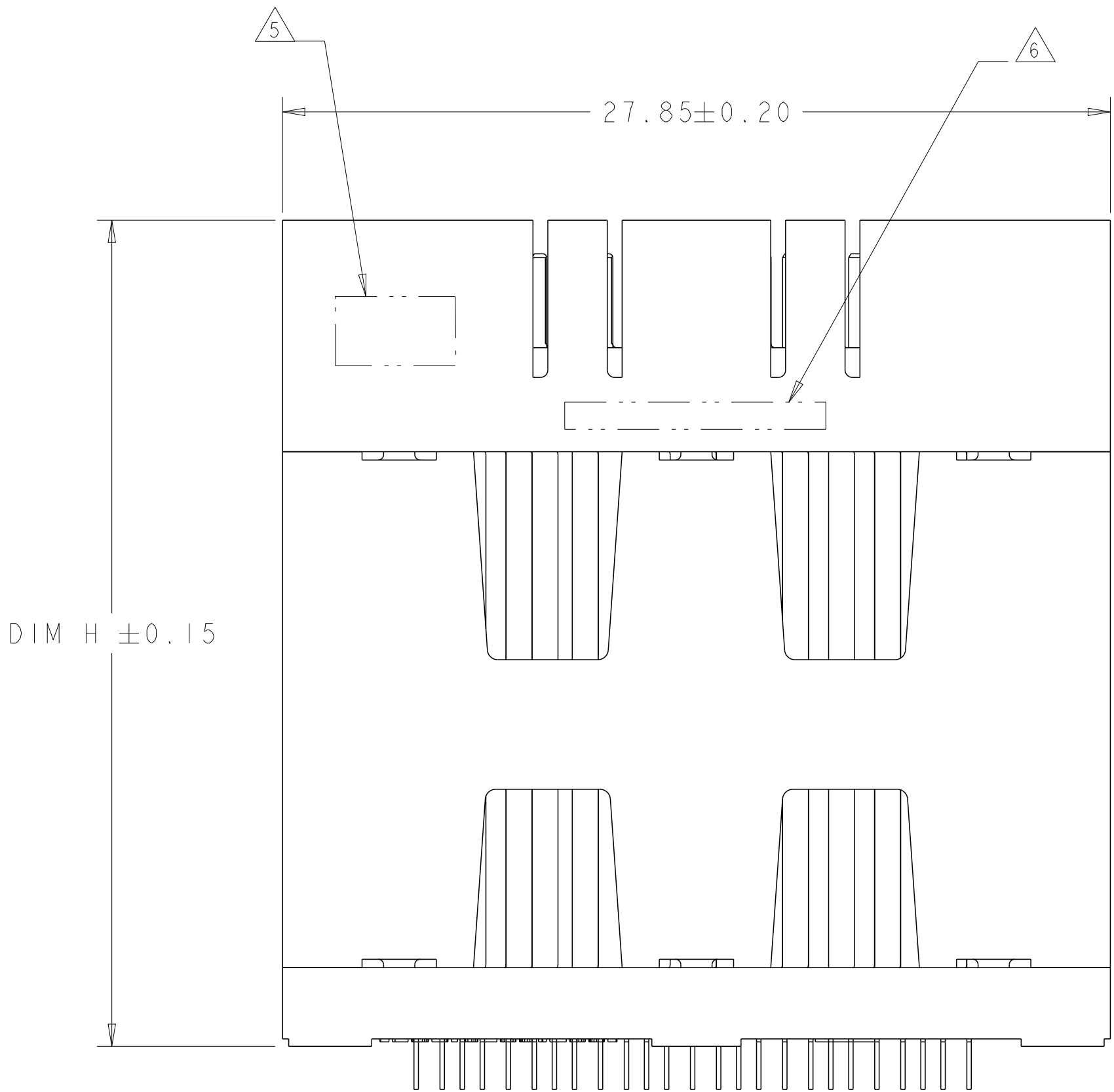
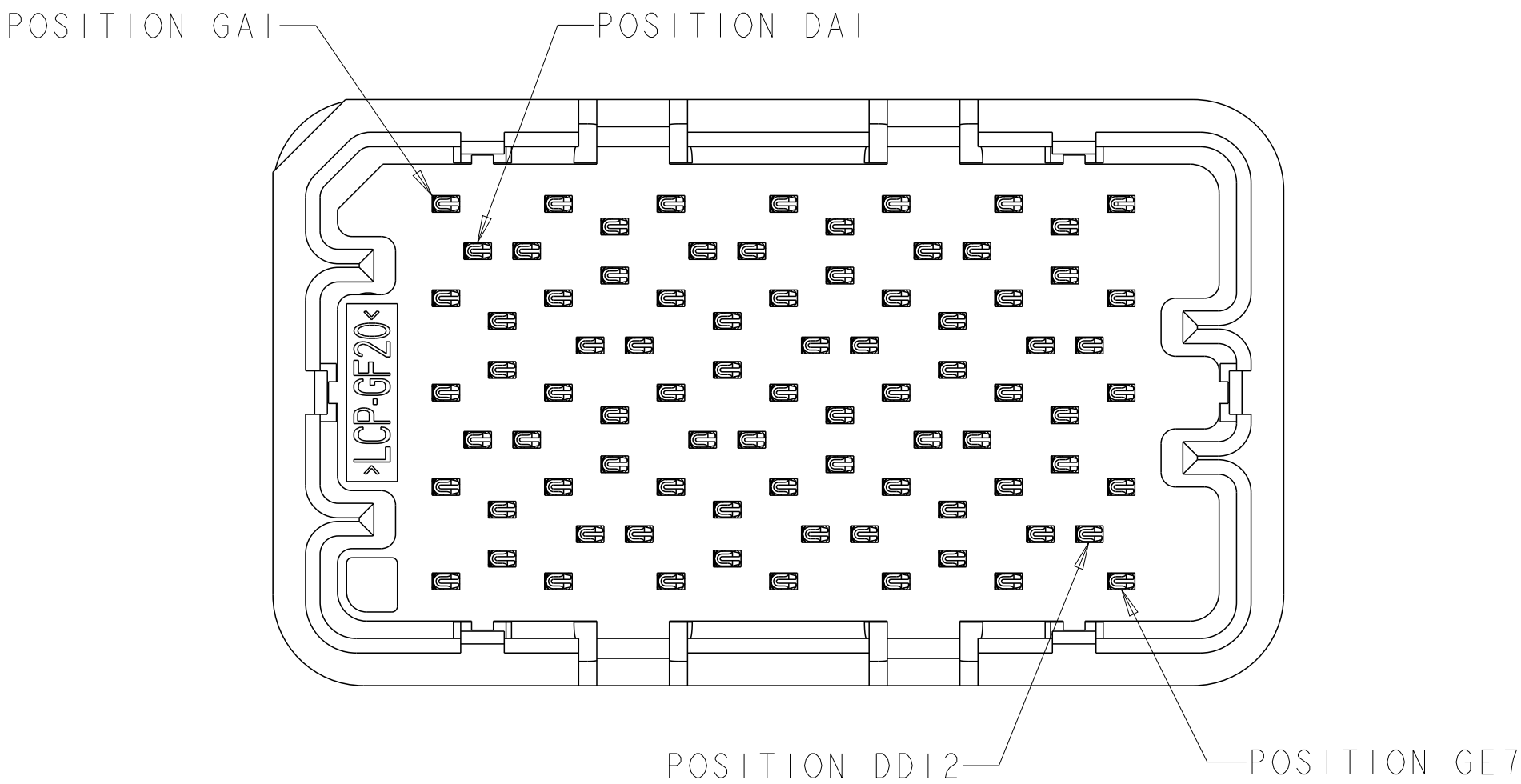


LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION		DATE	DWN	APVD	
		A		REVISED PER ECO-12-018201		11OCT2012	KH	MH	



- △ MATERIAL:
BASE HOUSING, UPPER HOUSING, ORGANIZER,
AND SPACER: 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).
- △ 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 = $\varnothing 0.420 \pm 0.013$
COPPER PLATING THICKNESS = 0.038 ± 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 CONTACT SALES FOR AVAILABILITY OF THIS STACK
HEIGHT.

SIZE 1 HALF WIDE *

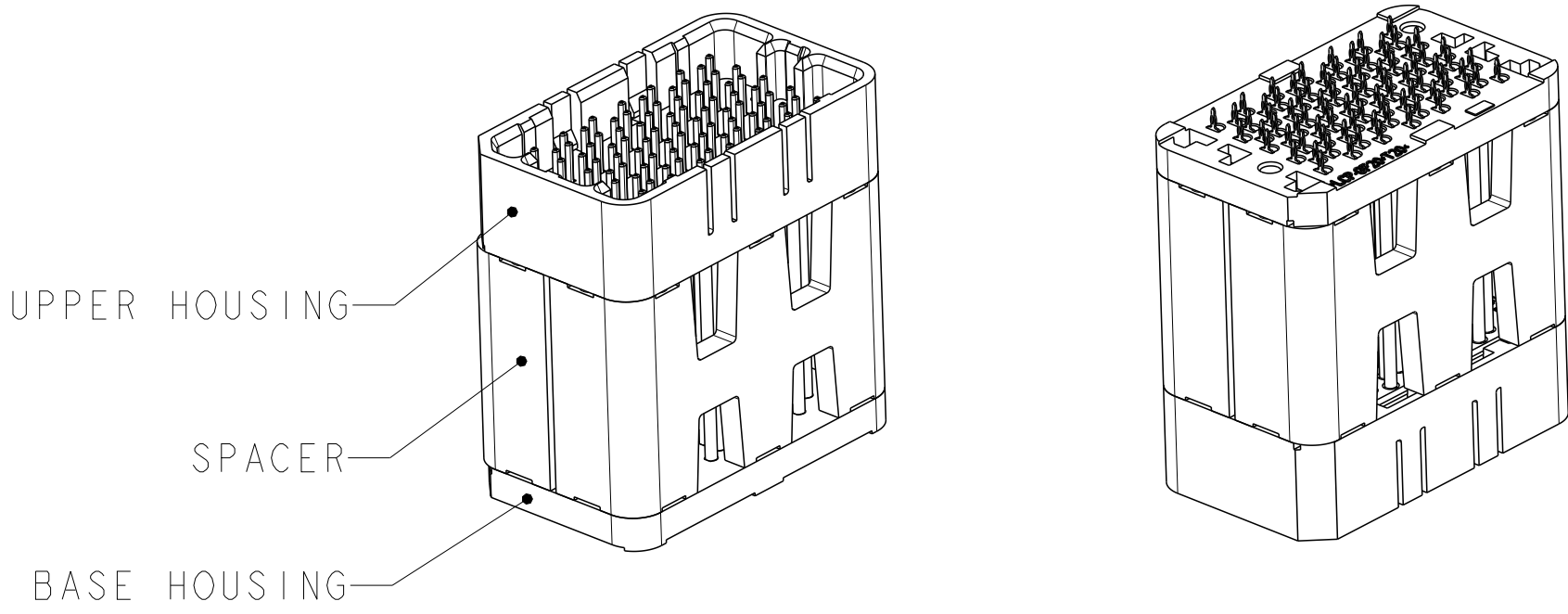
24 DIFFERENTIAL PAIRS + GROUNDS

83 TOTAL SIGNAL CONTACTS

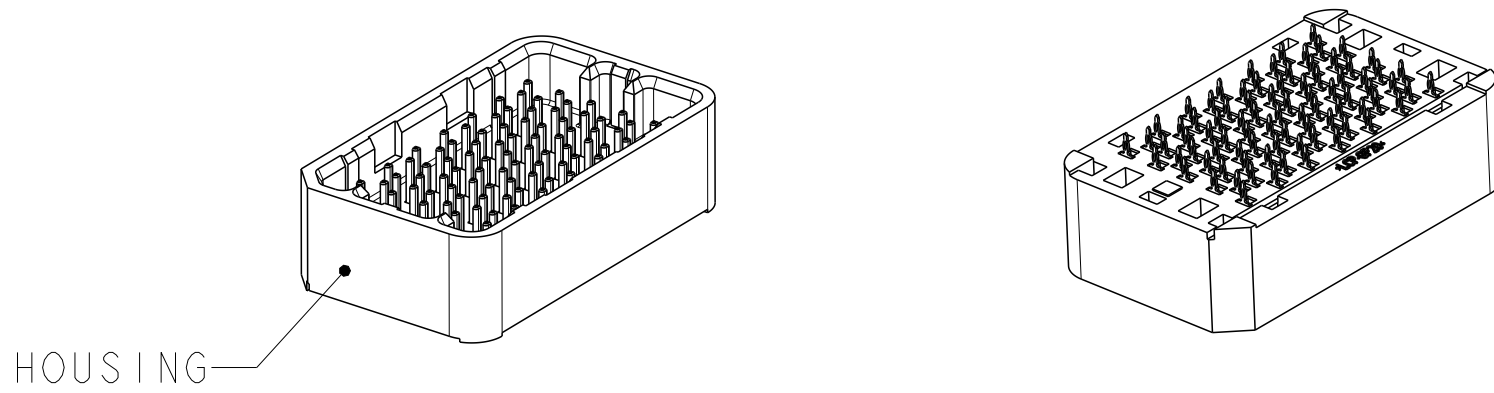
* SIZE 2 AND SIZE 3 ARE ALSO AVAILABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	HAMNER	30JUN2010	 TE Connectivity			
		CHK	D. TROUT	06JUL2010				
DIMENSIONS:		APVD	J. FEEDER	06JUL2010	NAME			
mm		PRODUCT SPEC			HEADER ASSEMBLY, HALF-WIDE, 24/83, STRADA MESA MEZZANINE CONNECTOR			
		APPLICATION SPEC			SIZE			
		114-13249			CAGE CODE			
		114-13249			DRAWING NO			
MATERIAL		WEIGHT			A100779C=2143410			
-		-			-			
		CUSTOMER DRAWING			SCALE			
					6:1			
					SHEET			
					1 OF 4			
					REV			
					A			

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR 14mm THRU 42mm
28mm SHOWN
SCALE 2:1



ISOMETRIC VIEWS
TYPICAL CONFIGURATION FOR 8mm THRU 13mm
8mm SHOWN
SCALE 2:1

	41.8	42mm	MATTE Sn	9-2143410-2
	40.8	41mm	MATTE Sn	9-2143410-1
YES	39.8	40mm	MATTE Sn	9-2143410-0
	38.8	39mm	MATTE Sn	8-2143410-9
	37.8	38mm	MATTE Sn	8-2143410-8
	36.8	37mm	MATTE Sn	8-2143410-7
	35.8	36mm	MATTE Sn	8-2143410-6
	34.8	35mm	MATTE Sn	8-2143410-5
	33.8	34mm	MATTE Sn	8-2143410-4
	32.8	33mm	MATTE Sn	8-2143410-3
	31.8	32mm	MATTE Sn	8-2143410-2
	30.8	31mm	MATTE Sn	8-2143410-1
	29.8	30mm	MATTE Sn	8-2143410-0
	28.8	29mm	MATTE Sn	7-2143410-9
	27.8	28mm	MATTE Sn	7-2143410-8
	26.8	27mm	MATTE Sn	7-2143410-7
	25.8	26mm	MATTE Sn	7-2143410-6
YES	24.8	25mm	MATTE Sn	7-2143410-5
	23.8	24mm	MATTE Sn	7-2143410-4
	22.8	23mm	MATTE Sn	7-2143410-3
	21.8	22mm	MATTE Sn	7-2143410-2
	20.8	21mm	MATTE Sn	7-2143410-1
	19.8	20mm	MATTE Sn	7-2143410-0
	18.8	19mm	MATTE Sn	6-2143410-9
	17.8	18mm	MATTE Sn	6-2143410-8
	16.8	17mm	MATTE Sn	6-2143410-7
YES	15.8	16mm	MATTE Sn	6-2143410-6
	14.8	15mm	MATTE Sn	6-2143410-5
	13.8	14mm	MATTE Sn	6-2143410-4
	12.8	13mm	MATTE Sn	6-2143410-3
	11.8	12mm	MATTE Sn	6-2143410-2
	10.8	11mm	MATTE Sn	6-2143410-1
	9.8	10mm	MATTE Sn	6-2143410-0
	8.8	9mm	MATTE Sn	5-2143410-9
	7.8	8mm	MATTE Sn	5-2143410-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

	41.8	42mm	Sn/Pb	4-2143410-2
	40.8	41mm	Sn/Pb	4-2143410-1
YES	39.8	40mm	Sn/Pb	4-2143410-0
	38.8	39mm	Sn/Pb	3-2143410-9
	37.8	38mm	Sn/Pb	3-2143410-8
	36.8	37mm	Sn/Pb	3-2143410-7
	35.8	36mm	Sn/Pb	3-2143410-6
	34.8	35mm	Sn/Pb	3-2143410-5
	33.8	34mm	Sn/Pb	3-2143410-4
	32.8	33mm	Sn/Pb	3-2143410-3
	31.8	32mm	Sn/Pb	3-2143410-2
	30.8	31mm	Sn/Pb	3-2143410-1
	29.8	30mm	Sn/Pb	3-2143410-0
	28.8	29mm	Sn/Pb	2-2143410-9
	27.8	28mm	Sn/Pb	2-2143410-8
	26.8	27mm	Sn/Pb	2-2143410-7
	25.8	26mm	Sn/Pb	2-2143410-6
YES	24.8	25mm	Sn/Pb	2-2143410-5
	23.8	24mm	Sn/Pb	2-2143410-4
	22.8	23mm	Sn/Pb	2-2143410-3
	21.8	22mm	Sn/Pb	2-2143410-2
	20.8	21mm	Sn/Pb	2-2143410-1
	19.8	20mm	Sn/Pb	2-2143410-0
	18.8	19mm	Sn/Pb	1-2143410-9
	17.8	18mm	Sn/Pb	1-2143410-8
	16.8	17mm	Sn/Pb	1-2143410-7
YES	15.8	16mm	Sn/Pb	1-2143410-6
	14.8	15mm	Sn/Pb	1-2143410-5
	13.8	14mm	Sn/Pb	1-2143410-4
	12.8	13mm	Sn/Pb	1-2143410-3
	11.8	12mm	Sn/Pb	1-2143410-2
	10.8	11mm	Sn/Pb	1-2143410-1
	9.8	10mm	Sn/Pb	1-2143410-0
	8.8	9mm	Sn/Pb	2143410-9
	7.8	8mm	Sn/Pb	2143410-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
HAMNER

30JUN2010

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±"

±"

±0.13

±0.013

±"

±1

MATERIAL

-

CHK
D. TROUT

06JUL2010

APVD
J. FEDDER

06JUL2010

PRODUCT SPEC

108-2375

APPLICATION SPEC

114-13249

WEIGHT

-

CUSTOMER DRAWING

NAME

HEADER ASSEMBLY,
HALF-WIDE, 24/83,
STRADA MESA MEZZANINE CONNECTOR

SIZE

A1

CAGE CODE

00779

DRAWING NO

2143410

RESTRICTED TO

-

SCALE

6:1

SHEET

2

OF

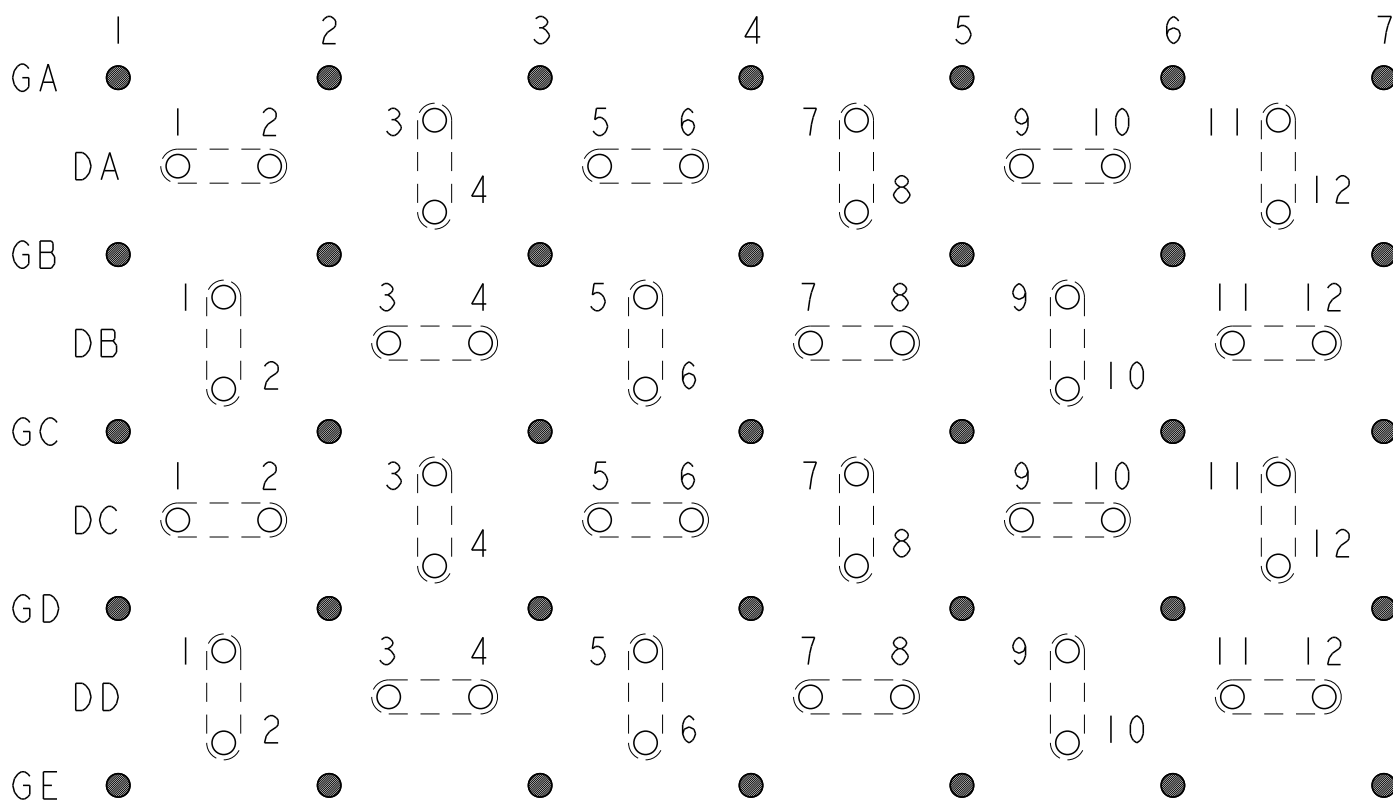
4

REV

A

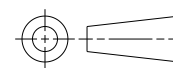
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

A1 CORNER INDICATORS.



MATED CONNECTOR OUTLINE
SEE SHEET 4 FOR LOCATION TO HOLES

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	HAMNER	30JUN2010	 TE Connectivity		
		CHK	D. TROUT	06JUL2010			
DIMENSIONS:		APVD	J. FEEDER	06JUL2010	NAME		
mm							
		TOLERANCES UNLESS OTHERWISE SPECIFIED:			PRODUCT SPEC		
		0 PLC ±			108-2375		
		1 PLC ±			APPLICATION SPEC		
		2 PLC ±			114-13249		
MATERIAL		FINISH			WEIGHT		
-		-			-		
CUSTOMER DRAWING					SIZE		RESTRICTED TO
					A100779C=2143410		-
					SCALE		SHEET
					6:1		3 OF 4
							REV
							A

4805 (3/11)