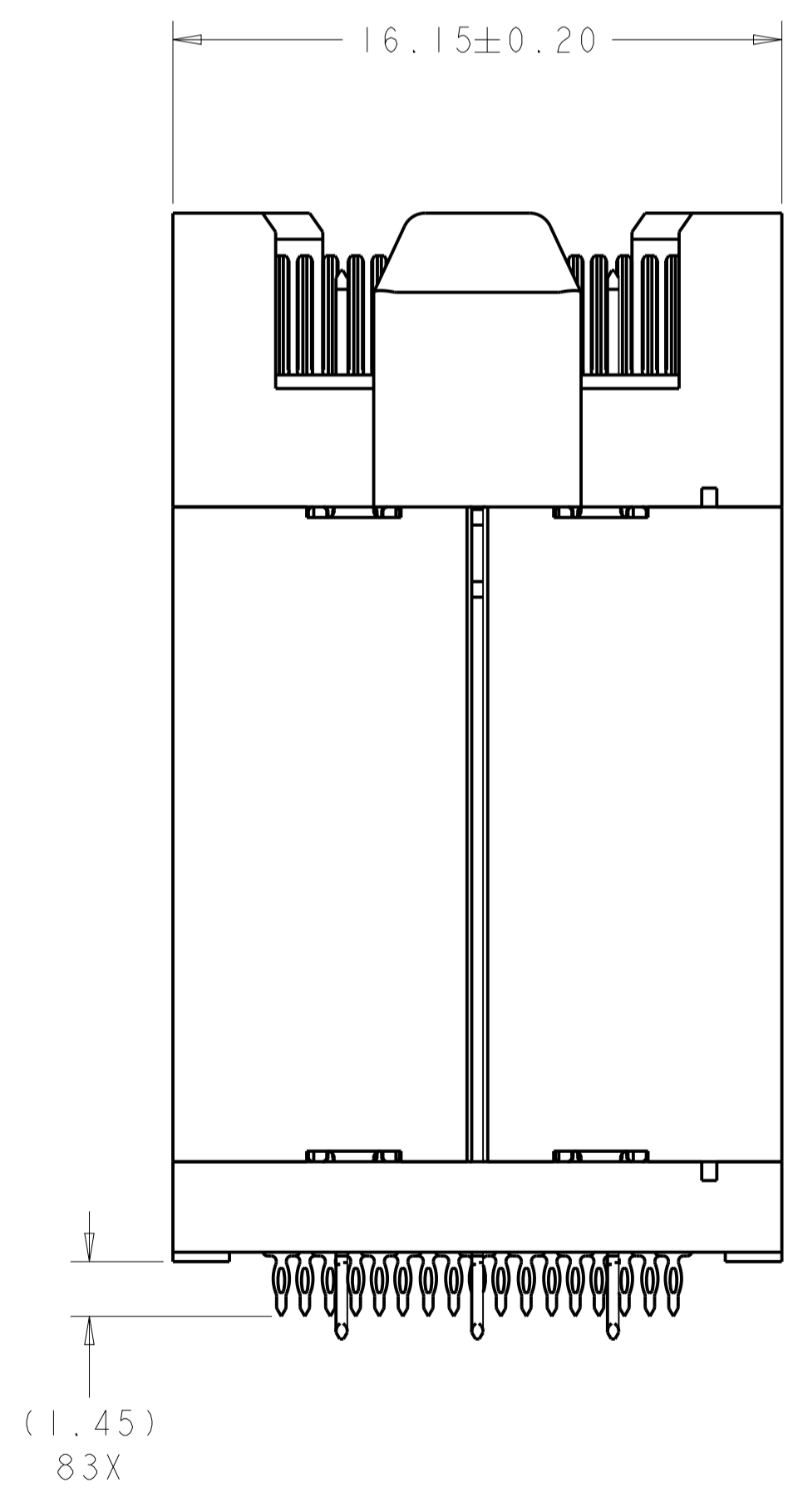
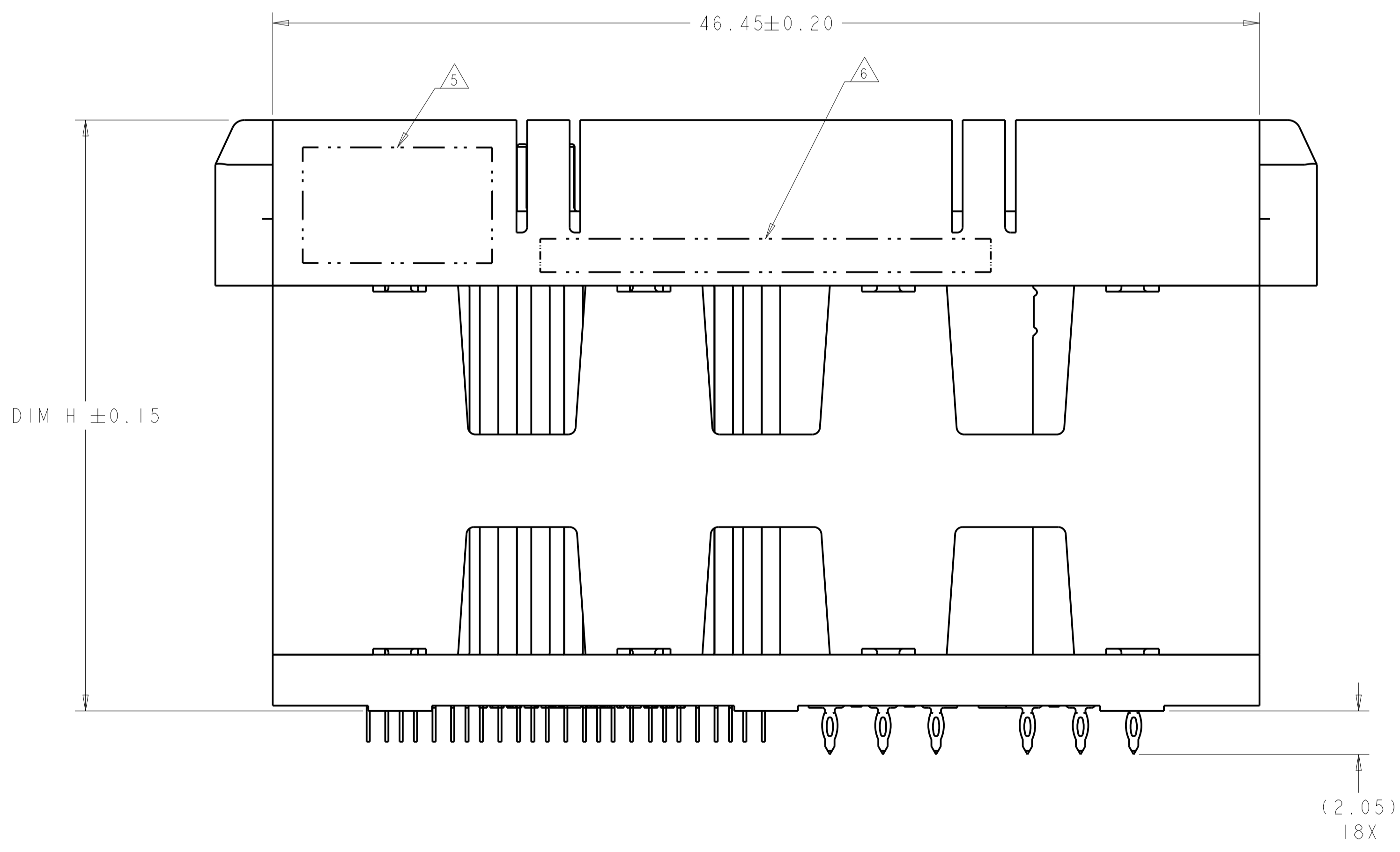
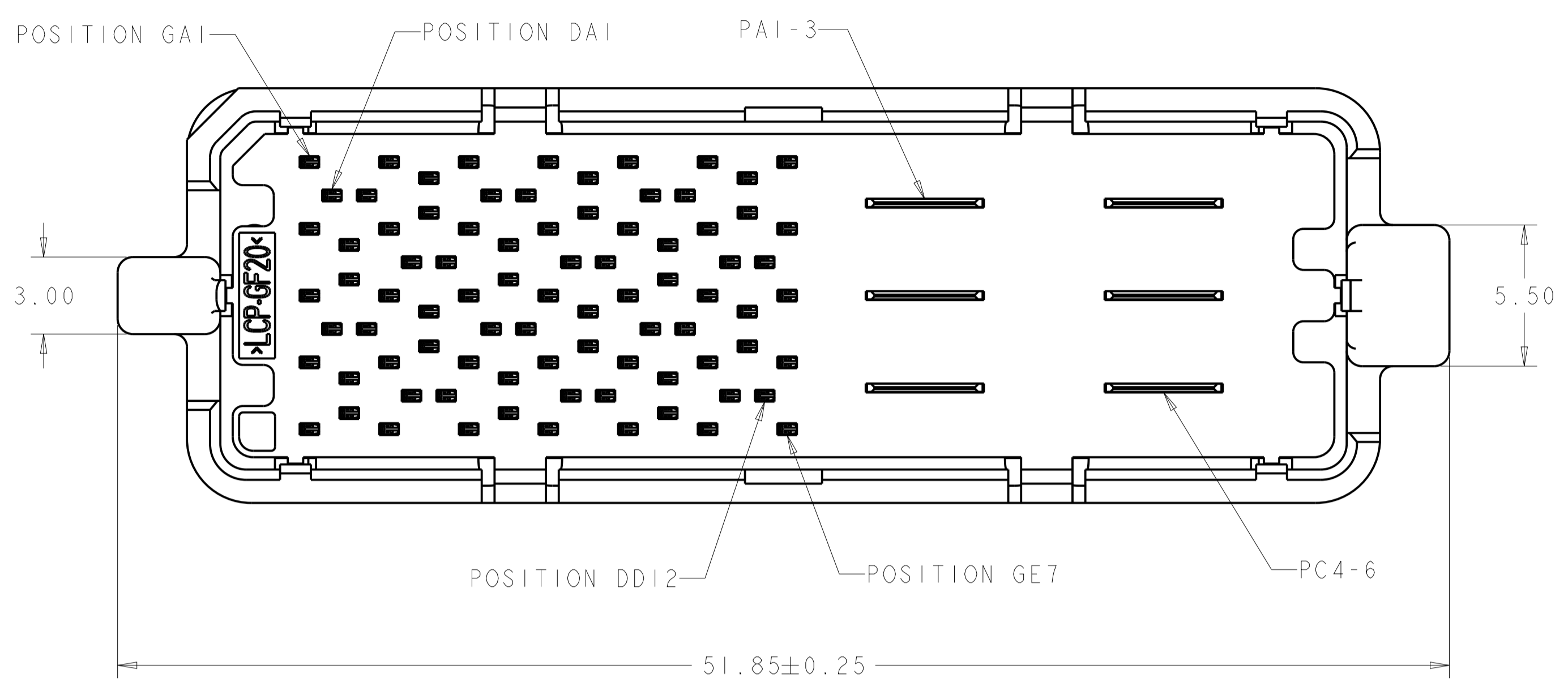


REVISIONS				
P.	LTN	DESCRIPTION	DATE	APVD
A		REVISED PER ECO-14-005178	11APR2014	AP MH



- ⚠ 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.
- ⚠ ROWS GA THRU GE (SHOWN DARKENED) ARE TYPICALLY
USED AS GROUNDS.
- ⚠ SPECIFIED POSITIONAL TOLERANCE DEFINES HOLE TO
HOLE LOCATION WITHIN HOLE PATTERN. POSITIONAL
TOLERANCE OF HOLE PATTERN TO FUDICIAL MARKS
OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER.
- ⚠ AREA RESERVED FOR TE CONNECTIVITY LOGO.
- ⚠ AREA RESERVED FOR PART NUMBER (X-XXXXXX-X) AND
DATE CODE (YYWW).
- ⚠ USE CENTER LINES INDICATED ON PCB HOLE PATTERN
TO ESTABLISH ALIGNMENT BETWEEN HEADER AND
RECEPTACLE BOARDS.
- ⚠ PLATED THROUGH HOLE REQUIREMENTS - SIGNAL:
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.
- ⚠ PLATED THROUGH HOLE REQUIREMENTS - POWER:
HOLE SIZE PRIOR TO PLATING = $\varnothing 0.700 \pm 0.025$
COPPER PLATING THICKNESS = 0.038 ± 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.
- ⚠ CONTACT SALES FOR AVAILABILITY OF THIS STACK
HEIGHT.
- ⚠ PRELIMINARY PARTS.

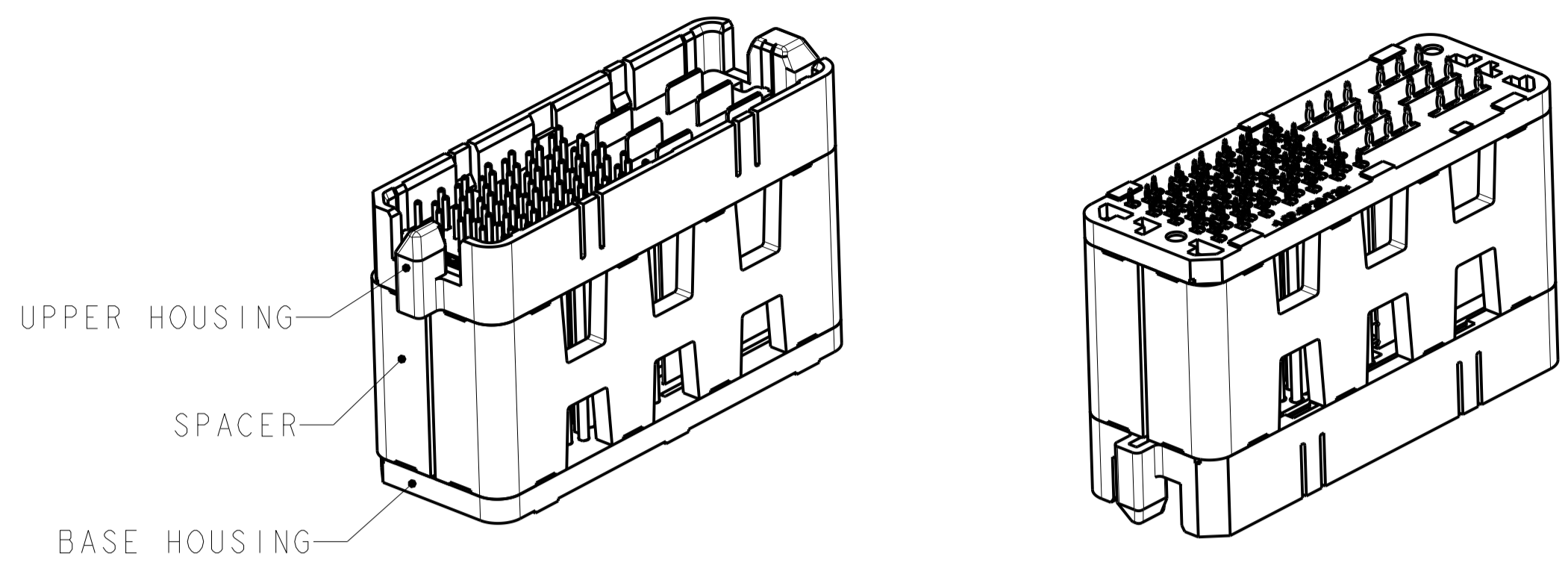
SIZE 2 HALF WIDE W/GUIDE POSTS *
24 DIFFERENTIAL PAIRS + GROUNDS
83 TOTAL SIGNAL CONTACTS
6 POWER CONTACTS

* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

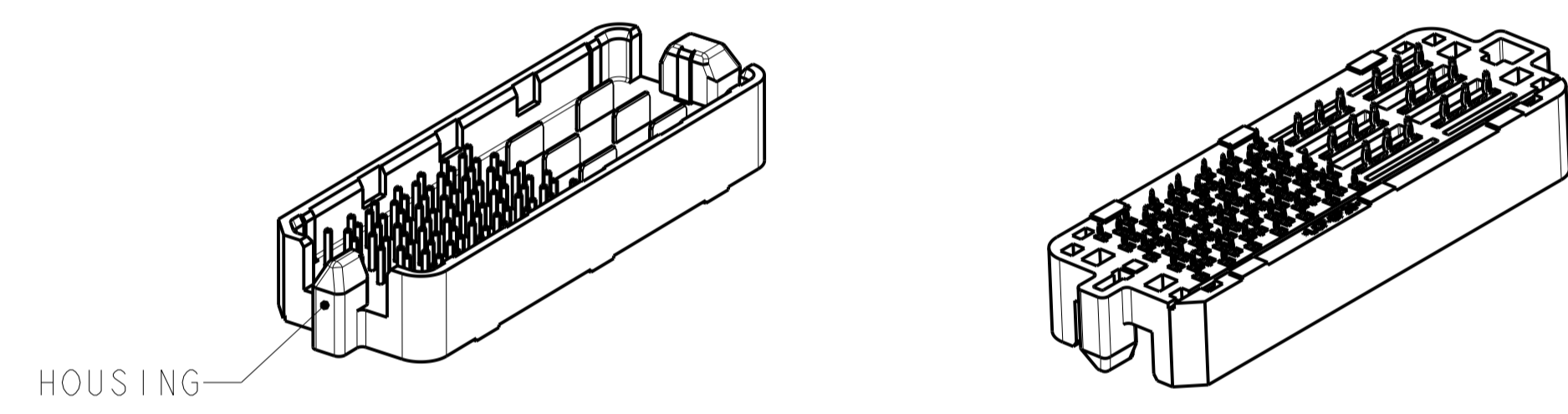
THIS PRODUCT HAS NOT
COMPLETED VALIDATION AND
QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN HAMNER 03JUN2011	STE TE Connectivity	
DIMENSIONS: mm		CHK D. TROUT 07JUN2011		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. FEEDER 07JUN2011	NAME HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR	
0 PLC ±	1 PLC ±0.13	PRODUCT SPEC 108-2375	SIZE A1	
3 PLC ±0.013	4 PLC ±	APPLICATION SPEC 114-13249	CAGE CODE DRAWING NO 00779C=2180760	
ANGLES ±	FINISH ±	WEIGHT	RESTRICTED TO	
MATERIAL		Customer Drawing	SCALE 6:1 SHEET 1 OF 4 REV A	

REVISIONS				
P.	LTN	DESCRIPTION	DATE	APPD
-	-	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

\triangle_{10}	41.8	42mm	MATTE Sn	\triangle_{11}	9-2180760-2
\triangle_{10}	40.8	41mm	MATTE Sn	\triangle_{11}	9-2180760-1
\triangle_{10}	39.8	40mm	MATTE Sn	\triangle_{11}	9-2180760-0
\triangle_{10}	38.8	39mm	MATTE Sn	\triangle_{11}	8-2180760-9
\triangle_{10}	37.8	38mm	MATTE Sn	\triangle_{11}	8-2180760-8
YES	36.8	37mm	MATTE Sn		8-2180760-7
\triangle_{10}	35.8	36mm	MATTE Sn	\triangle_{11}	8-2180760-6
\triangle_{10}	34.8	35mm	MATTE Sn	\triangle_{11}	8-2180760-5
\triangle_{10}	33.8	34mm	MATTE Sn	\triangle_{11}	8-2180760-4
\triangle_{10}	32.8	33mm	MATTE Sn	\triangle_{11}	8-2180760-3
\triangle_{10}	31.8	32mm	MATTE Sn	\triangle_{11}	8-2180760-2
\triangle_{10}	30.8	31mm	MATTE Sn	\triangle_{11}	8-2180760-1
\triangle_{10}	29.8	30mm	MATTE Sn	\triangle_{11}	8-2180760-0
\triangle_{10}	28.8	29mm	MATTE Sn	\triangle_{11}	7-2180760-9
\triangle_{10}	27.8	28mm	MATTE Sn	\triangle_{11}	7-2180760-8
\triangle_{10}	26.8	27mm	MATTE Sn	\triangle_{11}	7-2180760-7
\triangle_{10}	25.8	26mm	MATTE Sn	\triangle_{11}	7-2180760-6
\triangle_{10}	24.8	25mm	MATTE Sn	\triangle_{11}	7-2180760-5
\triangle_{10}	23.8	24mm	MATTE Sn	\triangle_{11}	7-2180760-4
YES	22.8	23mm	MATTE Sn		7-2180760-3
\triangle_{10}	21.8	22mm	MATTE Sn	\triangle_{11}	7-2180760-2
\triangle_{10}	20.8	21mm	MATTE Sn	\triangle_{11}	7-2180760-1
\triangle_{10}	19.8	20mm	MATTE Sn	\triangle_{11}	7-2180760-0
\triangle_{10}	18.8	19mm	MATTE Sn	\triangle_{11}	6-2180760-9
\triangle_{10}	17.8	18mm	MATTE Sn	\triangle_{11}	6-2180760-8
\triangle_{10}	16.8	17mm	MATTE Sn	\triangle_{11}	6-2180760-7
\triangle_{10}	15.8	16mm	MATTE Sn	\triangle_{11}	6-2180760-6
\triangle_{10}	14.8	15mm	MATTE Sn	\triangle_{11}	6-2180760-5
\triangle_{10}	13.8	14mm	MATTE Sn	\triangle_{11}	6-2180760-4
\triangle_{10}	12.8	13mm	MATTE Sn	\triangle_{11}	6-2180760-3
\triangle_{10}	11.8	12mm	MATTE Sn	\triangle_{11}	6-2180760-2
\triangle_{10}	10.8	11mm	MATTE Sn	\triangle_{11}	6-2180760-1
\triangle_{10}	9.8	10mm	MATTE Sn	\triangle_{11}	6-2180760-0
\triangle_{10}	8.8	9mm	MATTE Sn	\triangle_{11}	5-2180760-9
\triangle_{10}	7.8	8mm	MATTE Sn	\triangle_{11}	5-2180760-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING		PART NUMBER

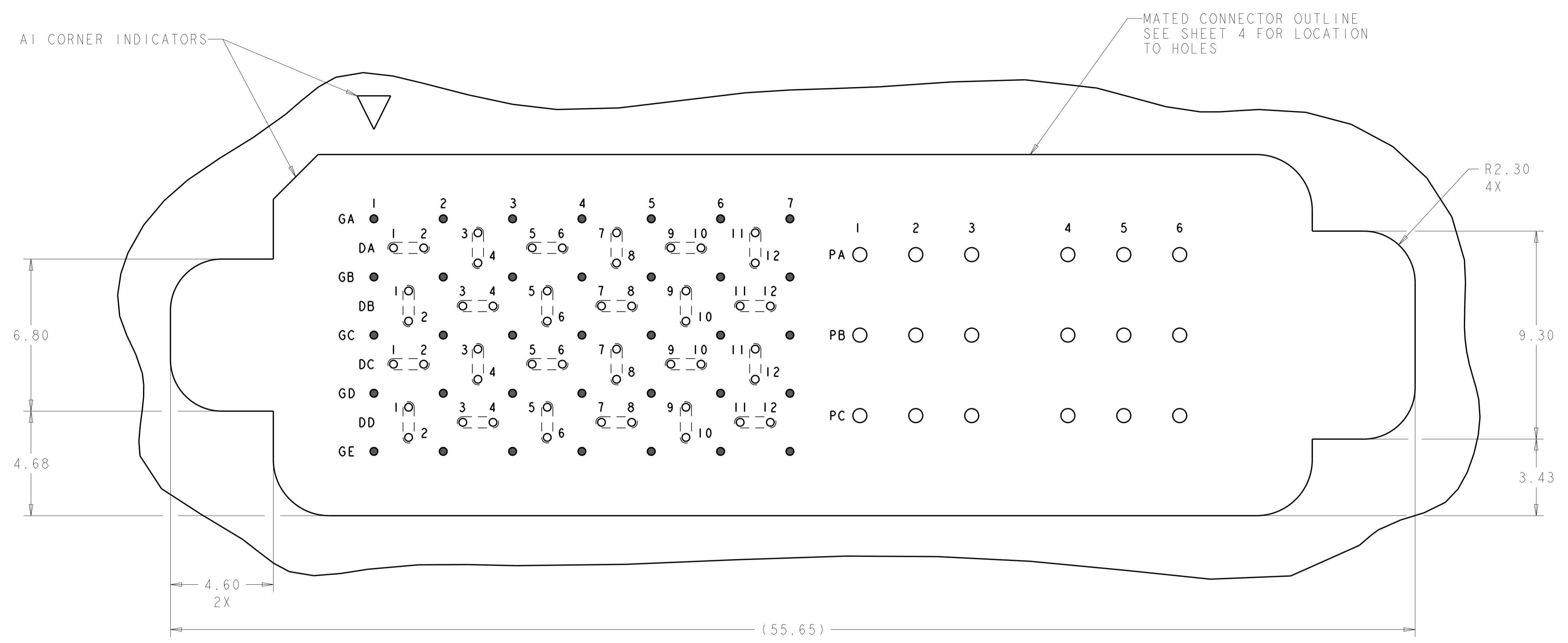
\triangle_{10}	41.8	42mm	Sn/Pb	\triangle_{11}	4-2180760-2
\triangle_{10}	40.8	41mm	Sn/Pb	\triangle_{11}	4-2180760-1
\triangle_{10}	39.8	40mm	Sn/Pb	\triangle_{11}	4-2180760-0
\triangle_{10}	38.8	39mm	Sn/Pb	\triangle_{11}	3-2180760-9
\triangle_{10}	37.8	38mm	Sn/Pb	\triangle_{11}	3-2180760-8
YES	36.8	37mm	Sn/Pb		3-2180760-7
\triangle_{10}	35.8	36mm	Sn/Pb	\triangle_{11}	3-2180760-6
\triangle_{10}	34.8	35mm	Sn/Pb	\triangle_{11}	3-2180760-5
\triangle_{10}	33.8	34mm	Sn/Pb	\triangle_{11}	3-2180760-4
\triangle_{10}	32.8	33mm	Sn/Pb	\triangle_{11}	3-2180760-3
\triangle_{10}	31.8	32mm	Sn/Pb	\triangle_{11}	3-2180760-2
\triangle_{10}	30.8	31mm	Sn/Pb	\triangle_{11}	3-2180760-1
\triangle_{10}	29.8	30mm	Sn/Pb	\triangle_{11}	3-2180760-0
\triangle_{10}	28.8	29mm	Sn/Pb	\triangle_{11}	2-2180760-9
\triangle_{10}	27.8	28mm	Sn/Pb	\triangle_{11}	2-2180760-8
\triangle_{10}	26.8	27mm	Sn/Pb	\triangle_{11}	2-2180760-7
\triangle_{10}	25.8	26mm	Sn/Pb	\triangle_{11}	2-2180760-6
\triangle_{10}	24.8	25mm	Sn/Pb	\triangle_{11}	2-2180760-5
\triangle_{10}	23.8	24mm	Sn/Pb	\triangle_{11}	2-2180760-4
YES	22.8	23mm	Sn/Pb		2-2180760-3
\triangle_{10}	21.8	22mm	Sn/Pb	\triangle_{11}	2-2180760-2
\triangle_{10}	20.8	21mm	Sn/Pb	\triangle_{11}	2-2180760-1
\triangle_{10}	19.8	20mm	Sn/Pb	\triangle_{11}	2-2180760-0
\triangle_{10}	18.8	19mm	Sn/Pb	\triangle_{11}	1-2180760-9
\triangle_{10}	17.8	18mm	Sn/Pb	\triangle_{11}	1-2180760-8
\triangle_{10}	16.8	17mm	Sn/Pb	\triangle_{11}	1-2180760-7
\triangle_{10}	15.8	16mm	Sn/Pb	\triangle_{11}	1-2180760-6
\triangle_{10}	14.8	15mm	Sn/Pb	\triangle_{11}	1-2180760-5
\triangle_{10}	13.8	14mm	Sn/Pb	\triangle_{11}	1-2180760-4
\triangle_{10}	12.8	13mm	Sn/Pb	\triangle_{11}	1-2180760-3
\triangle_{10}	11.8	12mm	Sn/Pb	\triangle_{11}	1-2180760-2
\triangle_{10}	10.8	11mm	Sn/Pb	\triangle_{11}	1-2180760-1
\triangle_{10}	9.8	10mm	Sn/Pb	\triangle_{11}	1-2180760-0
\triangle_{10}	8.8	9mm	Sn/Pb	\triangle_{11}	2180760-9
\triangle_{10}	7.8	8mm	Sn/Pb	\triangle_{11}	2180760-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: mm. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±.013, 2 PLC ±.013, 3 PLC ±.013, 4 PLC ±.013, ANGLES ±. FINISH: -. MATERIAL: -. WEIGHT: -. CUSTOMER DRAWING.


CHK: HAMNER 03JUN2011, D. TROUT 07JUN2011, APPD: FEDDER 07JUN2011. NAME: HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR. SIZE: A1, CAGE CODE: 100779, DRAWING NO: 2180760. SCALE: 6:1, SHEET 2 OF 4, REV A.

STE TE Connectivity

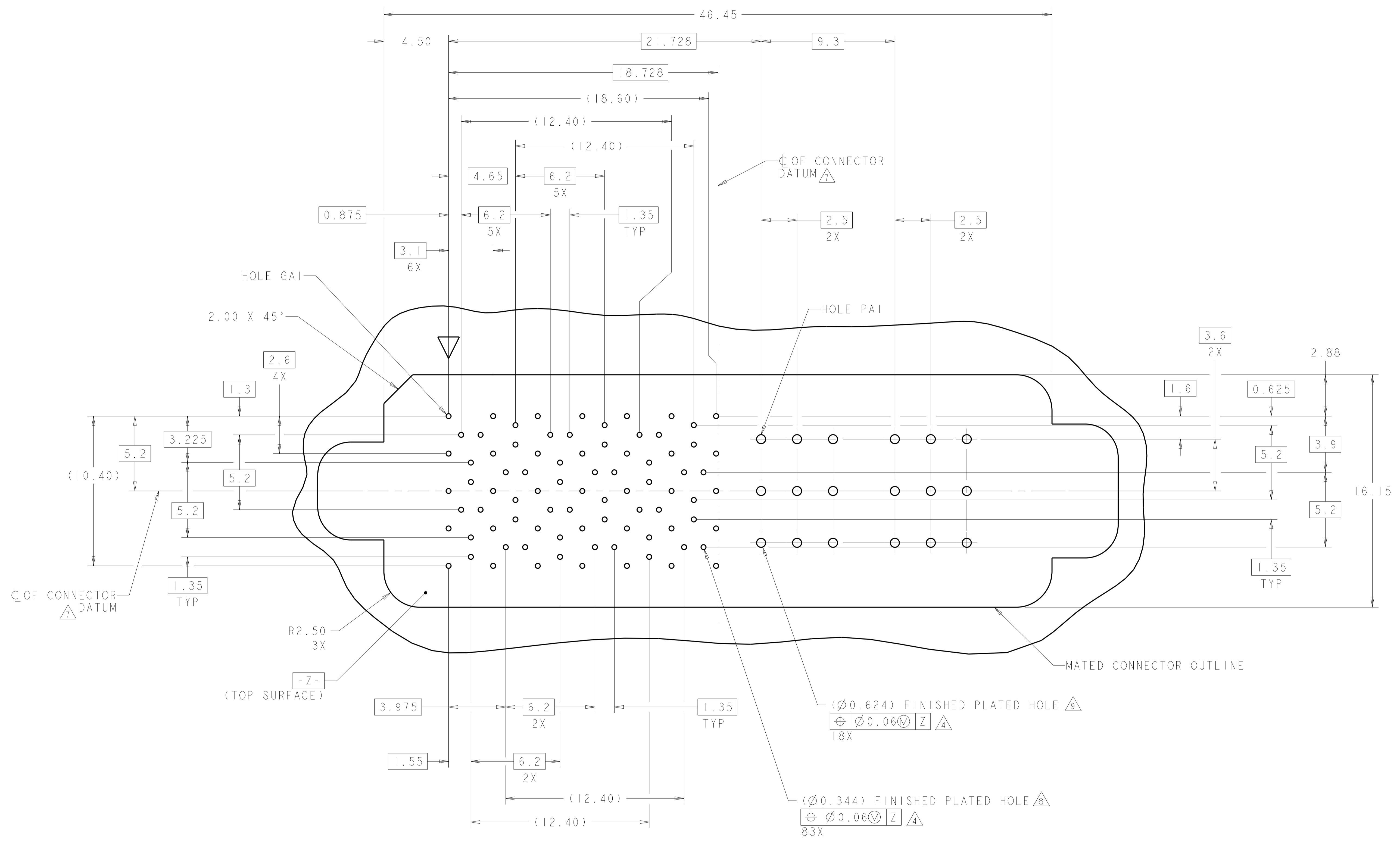
REVISIONS				
P.	LTN	DESCRIPTION	DATE	OWN APVD
-	-	SEE SHEET 1	-	-



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN HAMNER 03JUN2011	 TE Connectivity
DIMENSIONS:		CHK D. TROUT 07JUN2011	
mm		APVD EFDDER 07JUN2011	
0 PLC ± 2 PLC ±0.13 3 PLC ±0.013 4 PLC ± ANGLES ±1		NAME PRODUCT SPEC 108-2375 APPLICATION SPEC 114-13249 WEIGHT Customer Drawing	
TOLERANCES UNLESS OTHERWISE SPECIFIED: FINISH		SIZE CAGE CODE DRAWING NO A100779C=2180760	RESTRICTED TO SCALE 6:1 SHEET 3 OF 4 REV A

REVISIONS				
P.	LTN.	DESCRIPTION	DATE	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: mm		CHK: D. TROUT 07JUN2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.13 2 PLC ±0.013 3 PLC ±. 4 PLC ±. ANGLES ±1		APVD: FEEDER 07JUN2011	NAME: HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR
MATERIAL: -		PRODUCT SPEC: 108-2375	SIZE: A1
FINISH: -		APPLICATION SPEC: 114-13249	CAGE CODE: 2180760
Customer Drawing		WEIGHT: -	SCALE: 6:1
		Customer Drawing	SHEET 4 OF 4 REV A