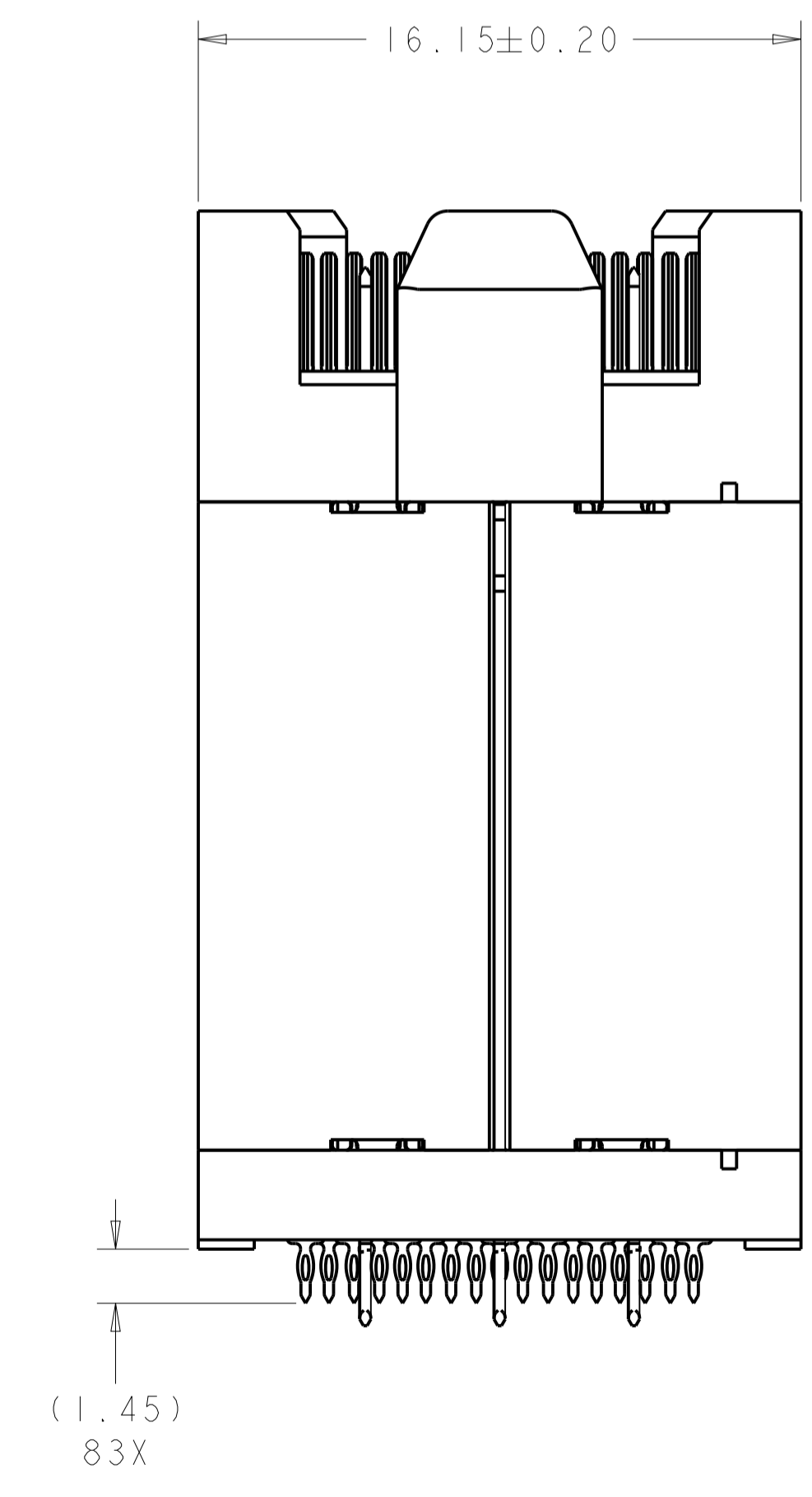
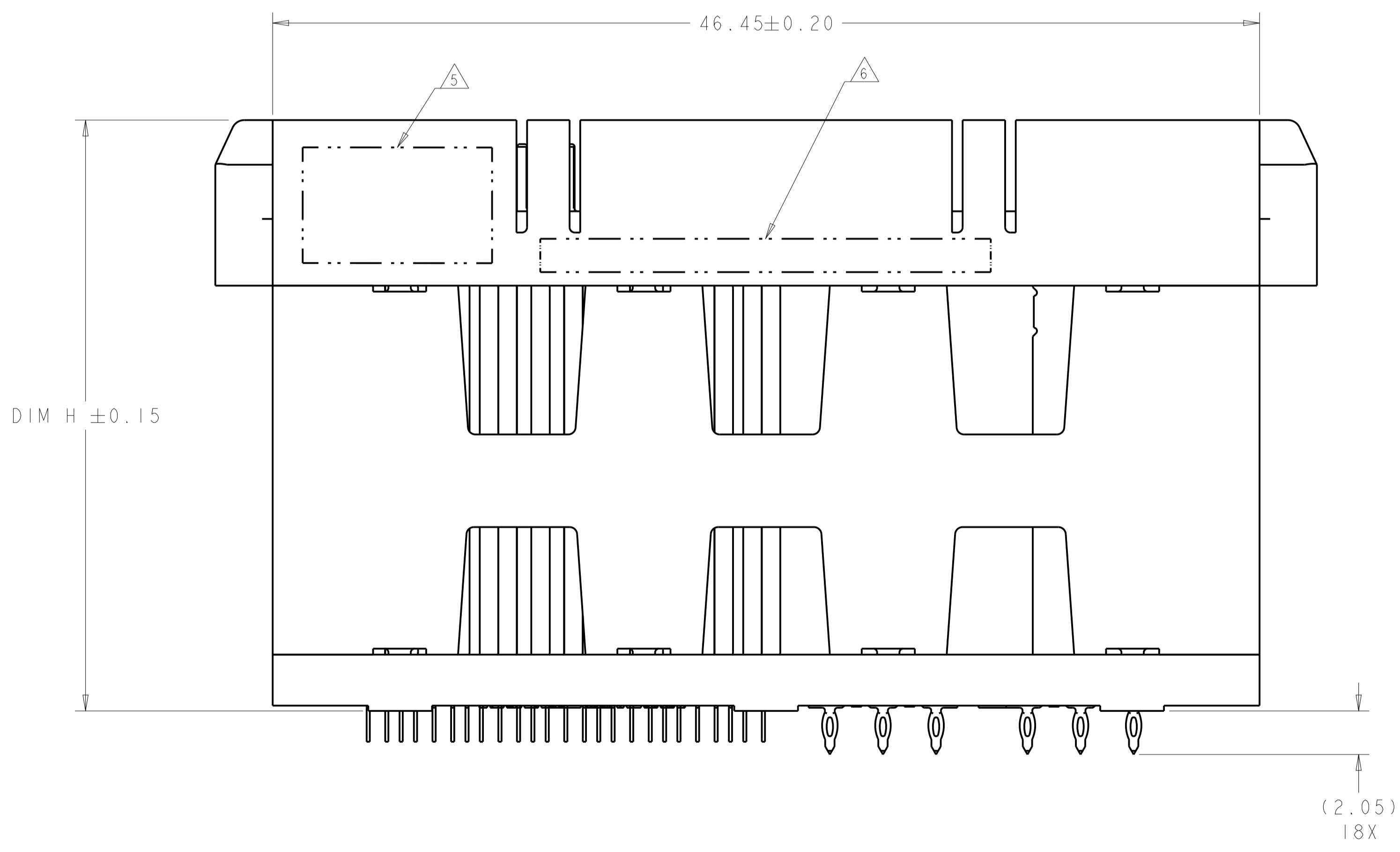
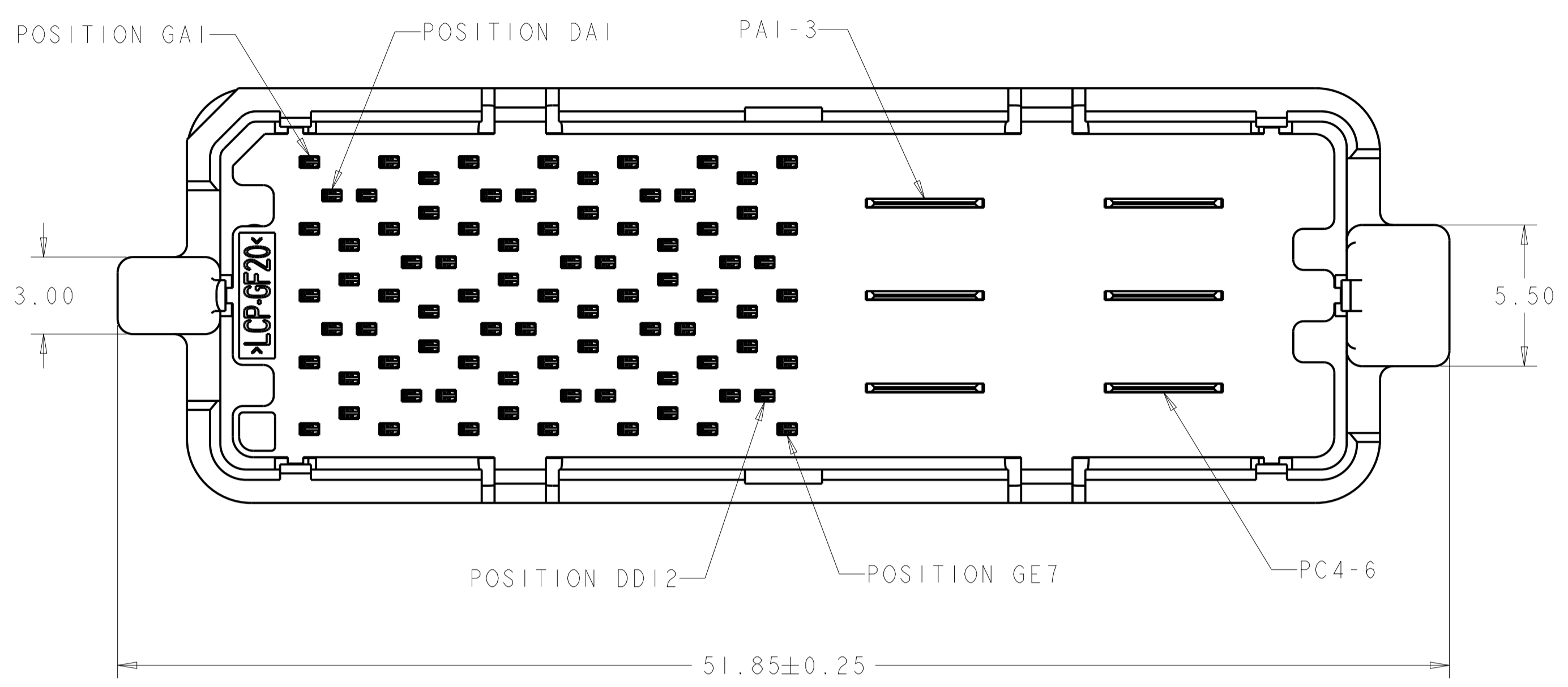


REVISIONS				
P.	LTN	DESCRIPTION	DATE	APVD
A		REVISED PER ECO-14-005178	11APR2014	AP MH



- ⚠ 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 =  $0.038 \pm 0.013$   
 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.
- ⚠ 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.
- ⚠ CONTACT SALES FOR AVAILABILITY OF THIS STACK  
 HEIGHT.
- ⚠ PRELIMINARY PARTS.

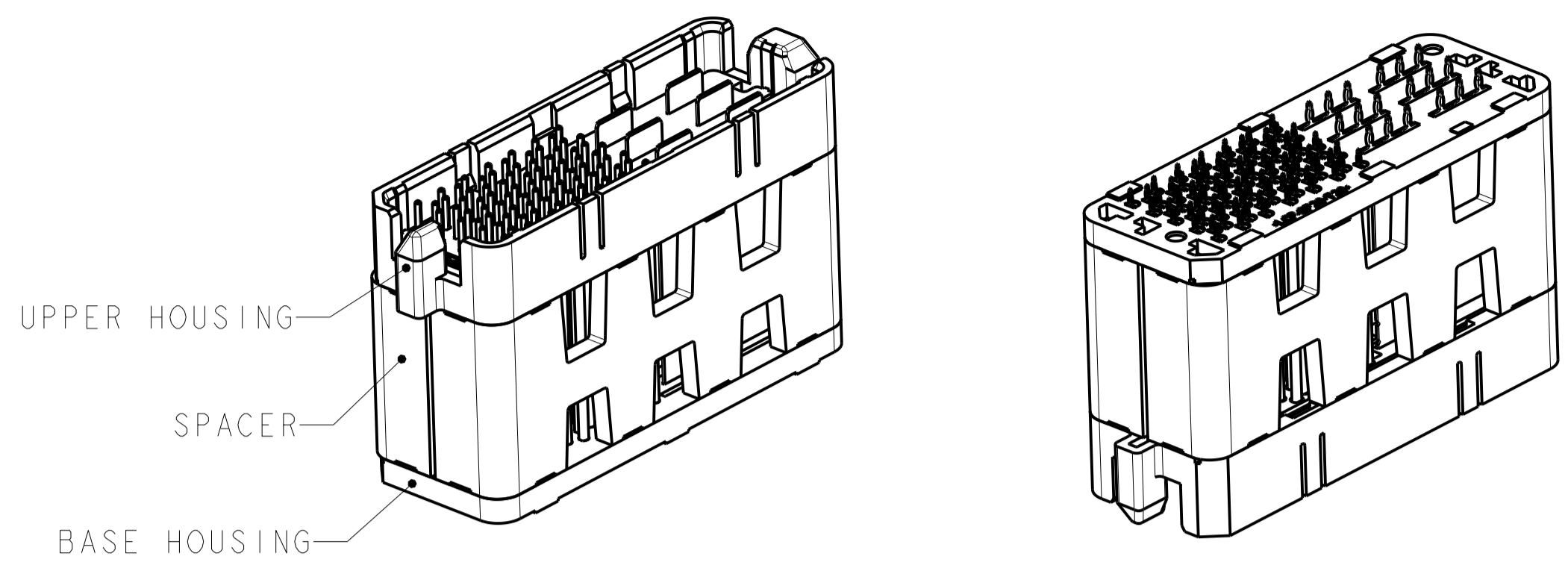
**SIZE 2 HALF WIDE W/GUIDE POSTS \***  
**24 DIFFERENTIAL PAIRS + GROUNDS**  
**83 TOTAL SIGNAL CONTACTS**  
**6 POWER CONTACTS**

\* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

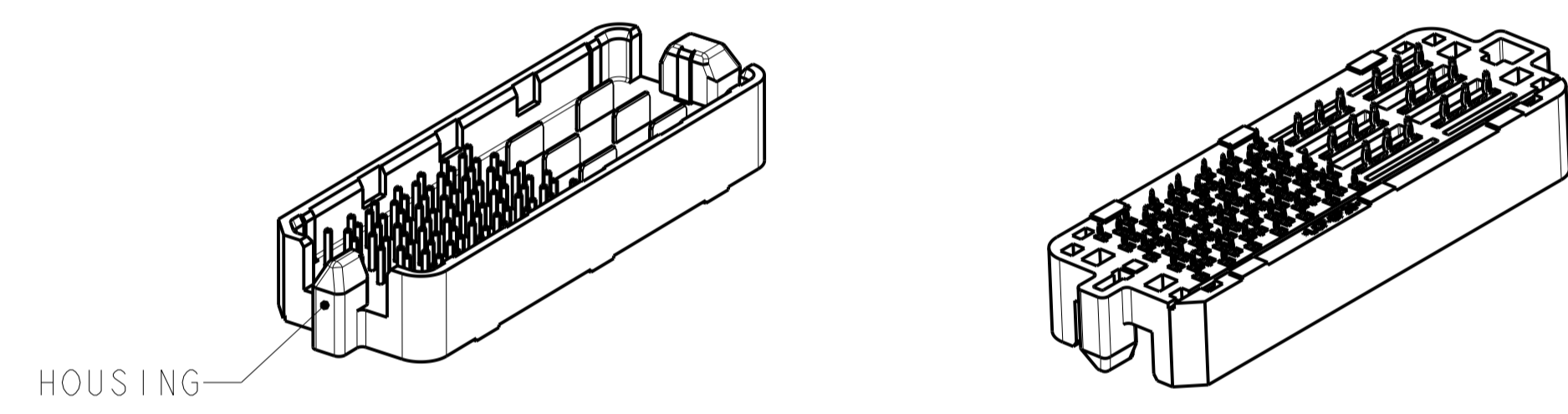
THIS PRODUCT HAS NOT  
 COMPLETED VALIDATION AND  
 QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN HAMNER 03JUN2011	<b>STE</b> 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

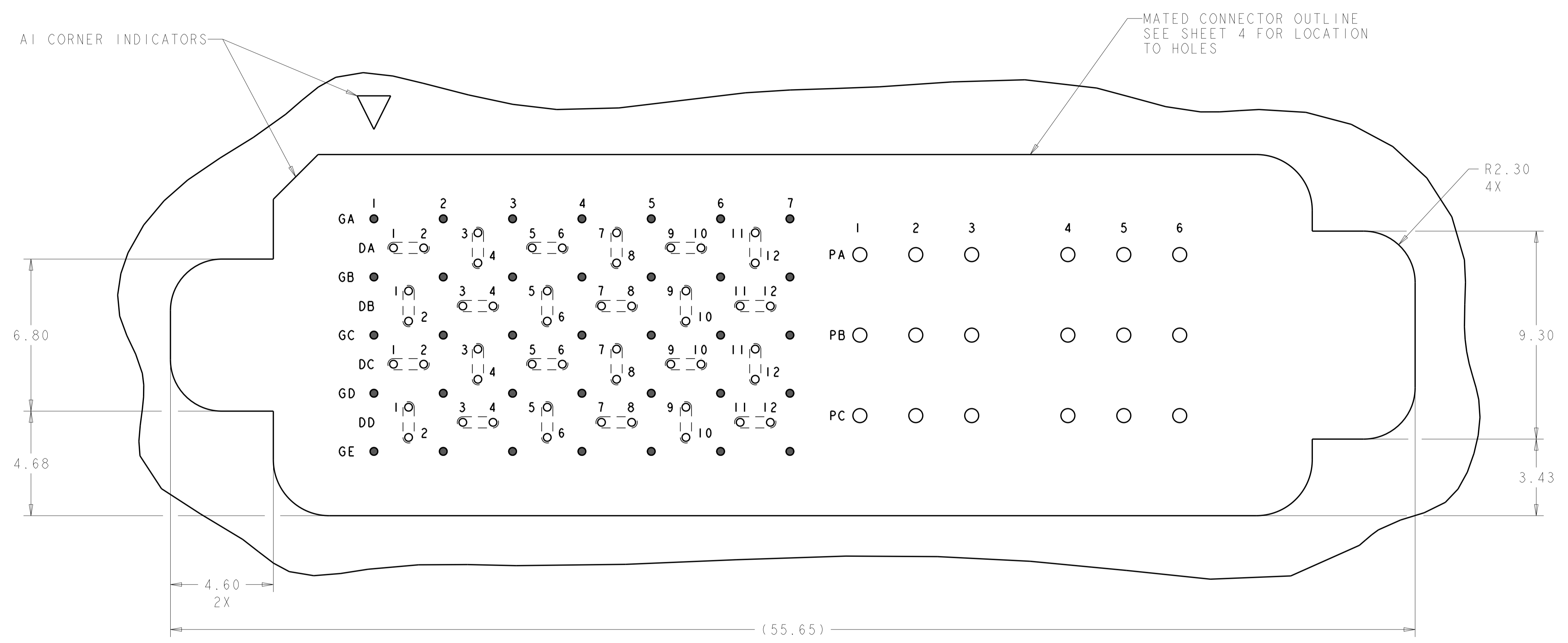
$\triangle_{10}$	41.8	42mm	Sn/Pb	$\triangle_{11}$	4-2180760-2
$\triangle_{10}$	40.8	41mm	Sn/Pb	$\triangle_{11}$	4-2180760-1
$\triangle_{10}$	39.8	40mm	Sn/Pb	$\triangle_{11}$	4-2180760-0
$\triangle_{10}$	38.8	39mm	Sn/Pb	$\triangle_{11}$	3-2180760-9
$\triangle_{10}$	37.8	38mm	Sn/Pb	$\triangle_{11}$	3-2180760-8
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 ±. MATERIAL: FINISH: 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: CAGE CODE DRAWING NO: 100779, DRAWING NO: 2180760. SCALE: 6:1, SHEET 2 OF 4, REV A.

**STE** TE Connectivity

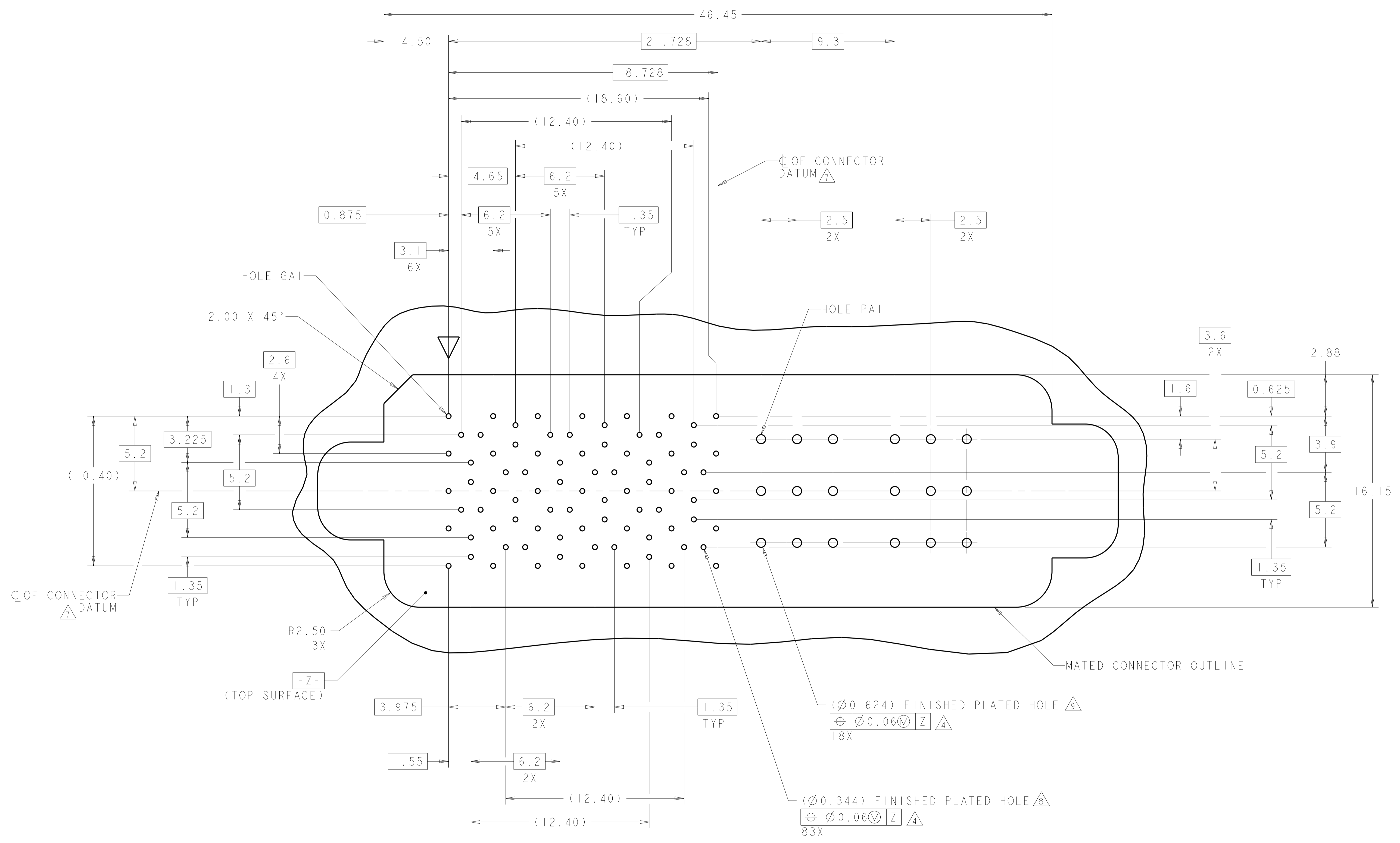
REVISIONS				
P.	LTN	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



**PCB LAYOUT AND PIN IDENTIFICATION** 3  
 SHOWN FROM CONNECTOR SIDE  
 SCALE 9:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: HAMNER 03JUN2011	TE Connectivity
DIMENSIONS: mm		CHK: D. TROUT 07JUN2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 2 PLC ±0.13 3 PLC ±0.013 4 PLC ± ANGLES ±1		APVD: FEEDER 07JUN2011	
		PRODUCT SPEC: 108-2375 APPLICATION SPEC: 114-13249 WEIGHT: - Customer Drawing	
MATERIAL: -		SIZE: A1	NAME: HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR CAGE CODE: 00779 DRAWING NO: C=2180760 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.		OWN: HAMNER 03JUN2011	TE Connectivity
DIMENSIONS: mm		CHK: D. TROUT 07JUN2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: 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
2 PLC ±0.013	3 PLC ±0.013	APPLICATION SPEC: 114-13249	CAGE CODE: 2180760
4 PLC ±	ANGLES ±1	WEIGHT: -	RESTRICTED TO: -
MATERIAL: -	FINISH: -	Customer Drawing	SCALE: 6:1
		SHEET: 4	OF: 4
		REV: A	