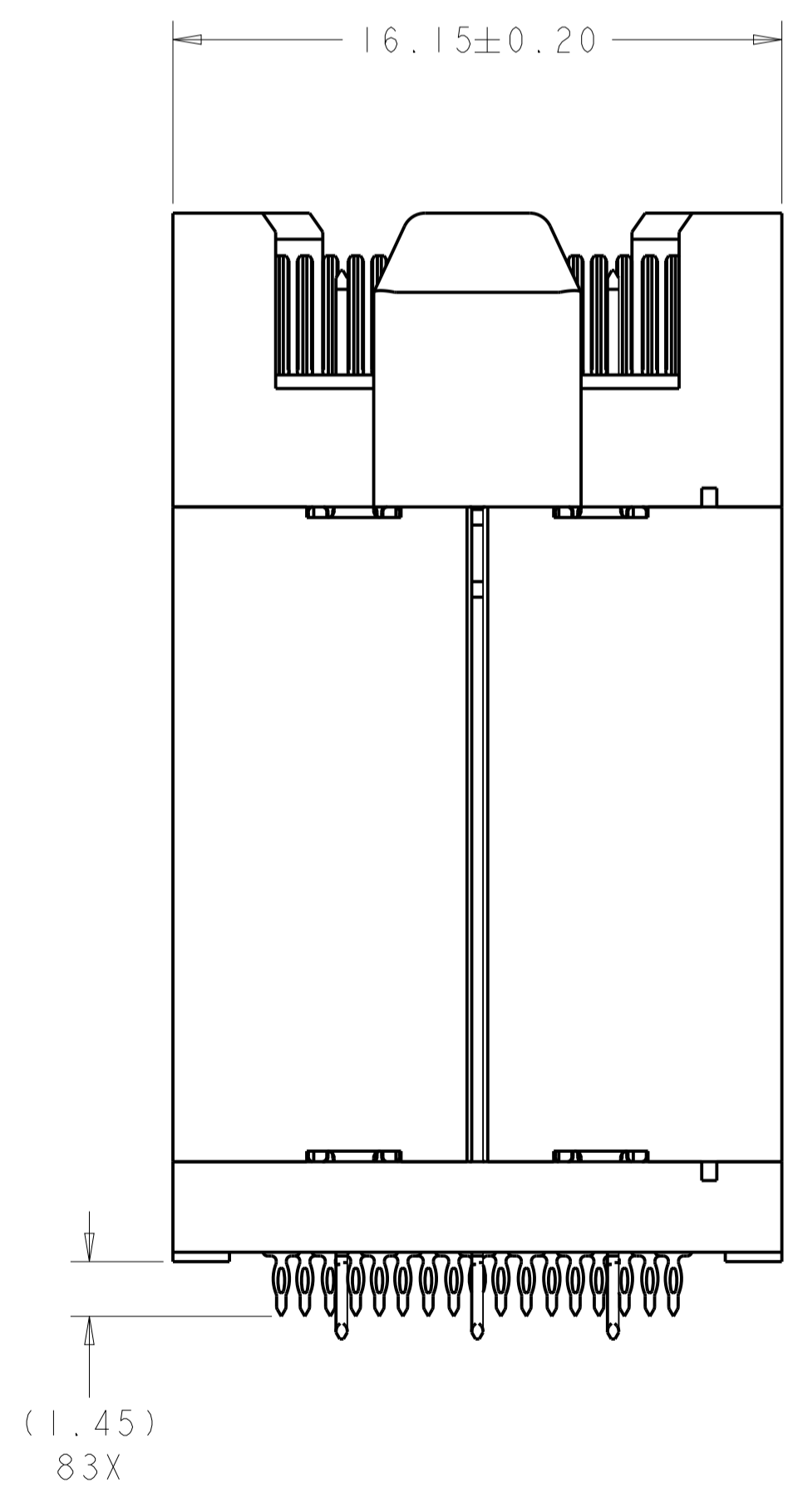
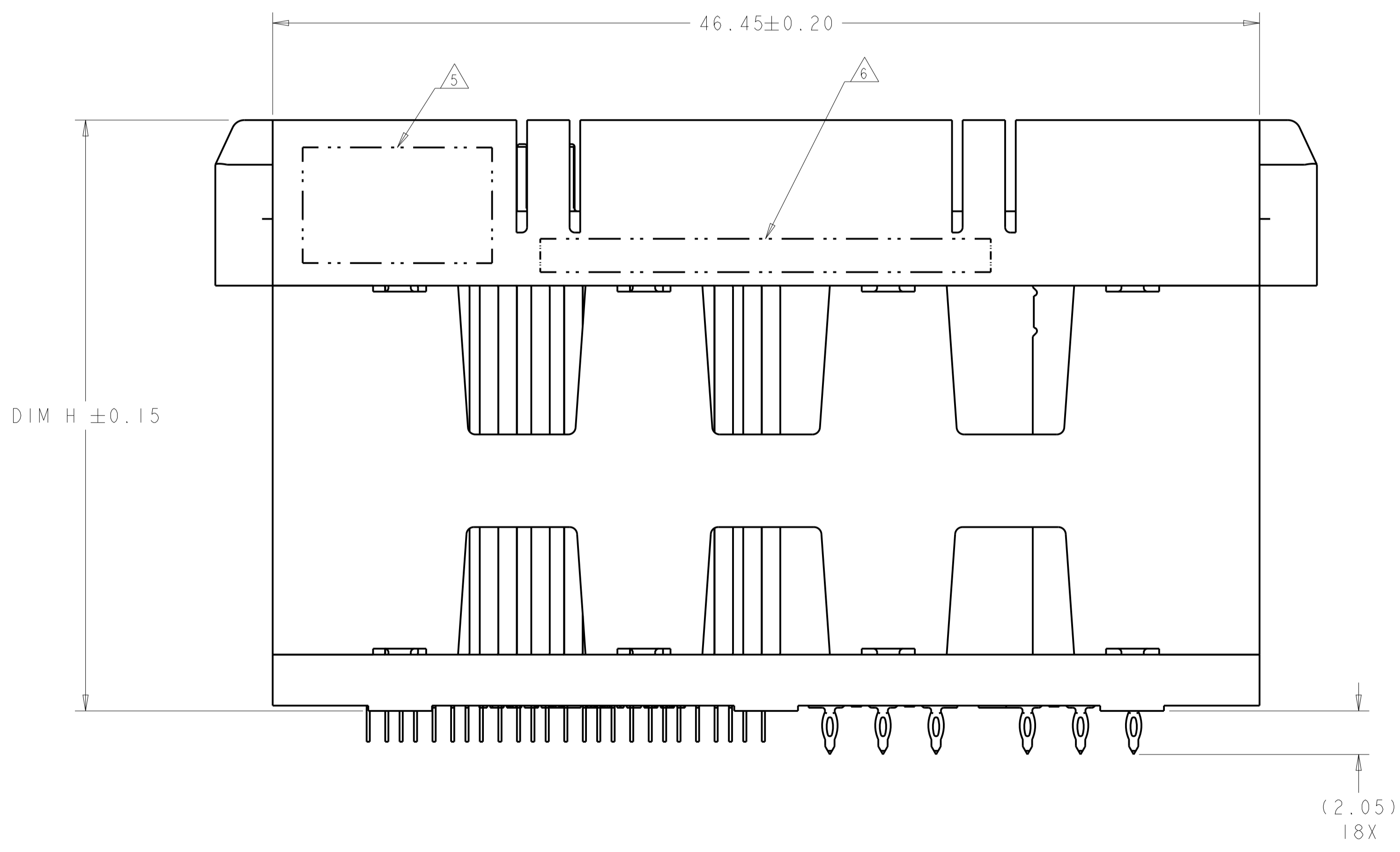
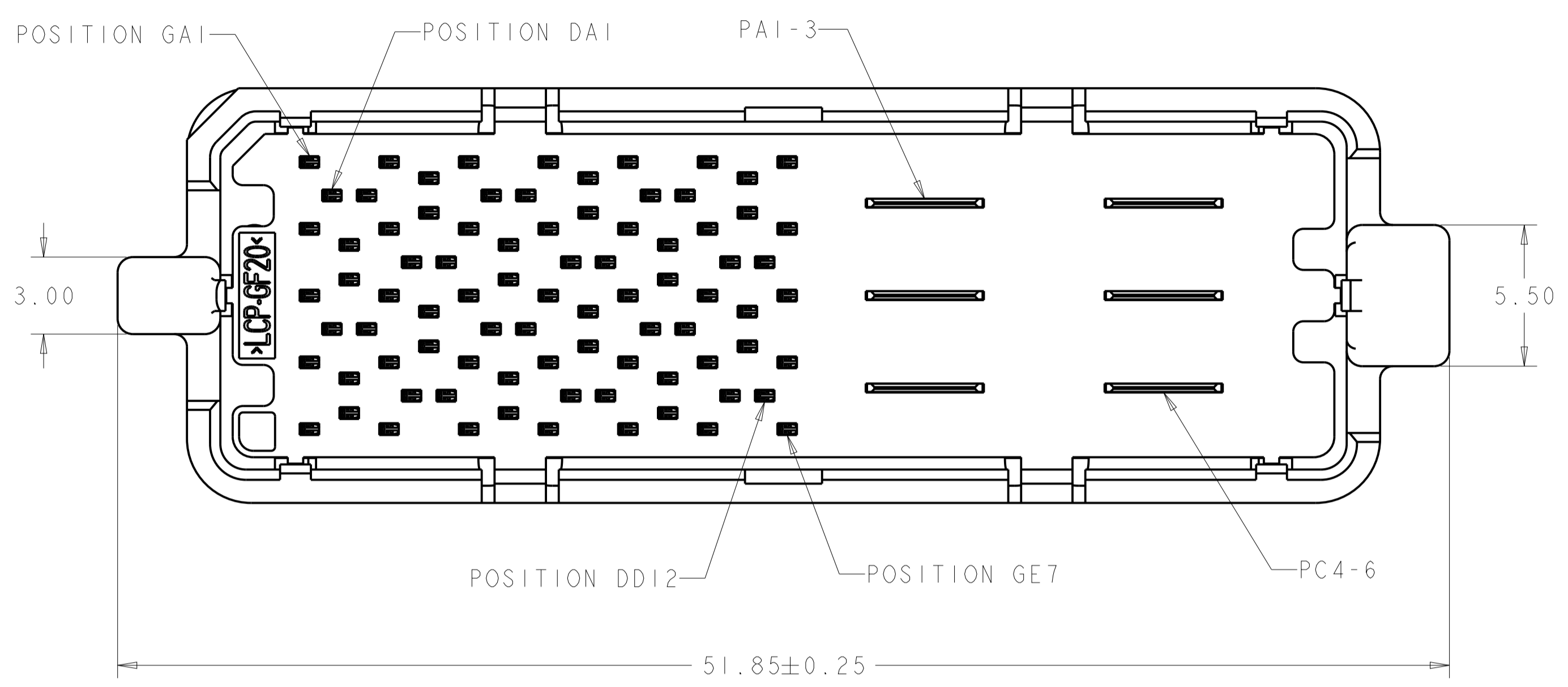


REVISIONS				
P.	LTN	DESCRIPTION	DATE	APVD
A		REVISED PER ECO-14-005178	11APR2014	AP MH



- ⚠ 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.

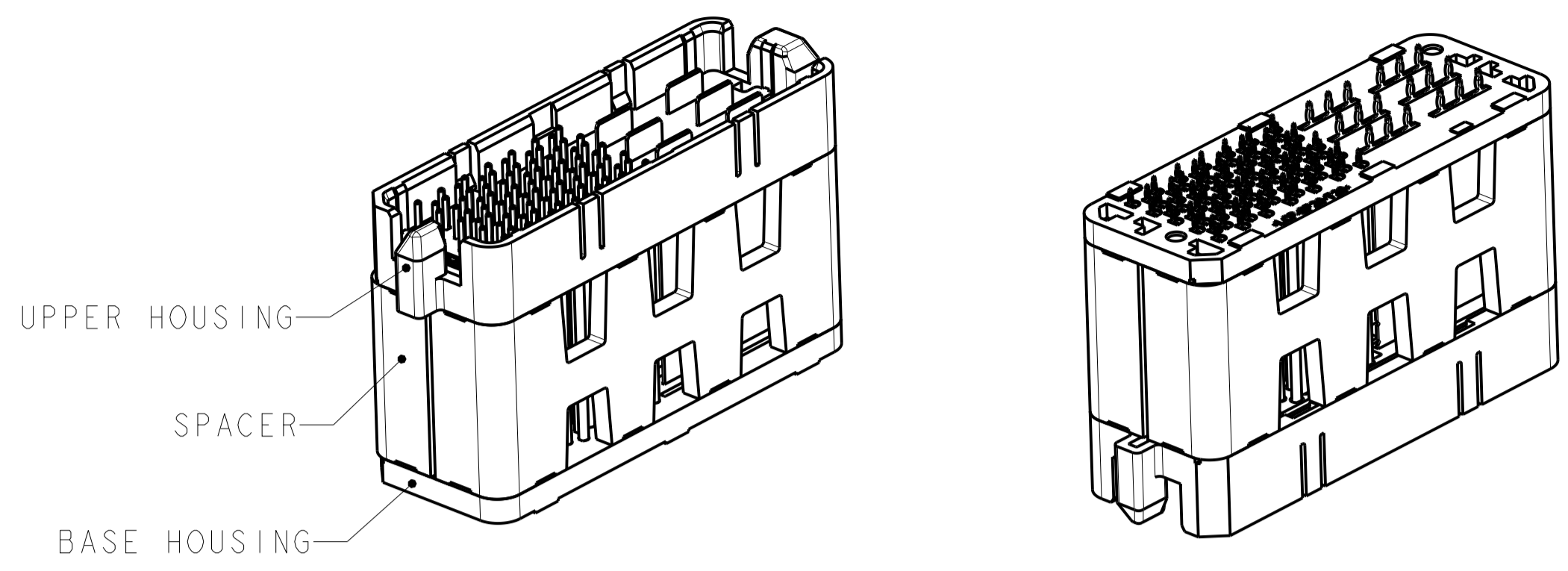
SIZE 2 HALF WIDE W/GUIDE POSTS *
24 DIFFERENTIAL PAIRS + GROUNDS
83 TOTAL SIGNAL CONTACTS
6 POWER CONTACTS

* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

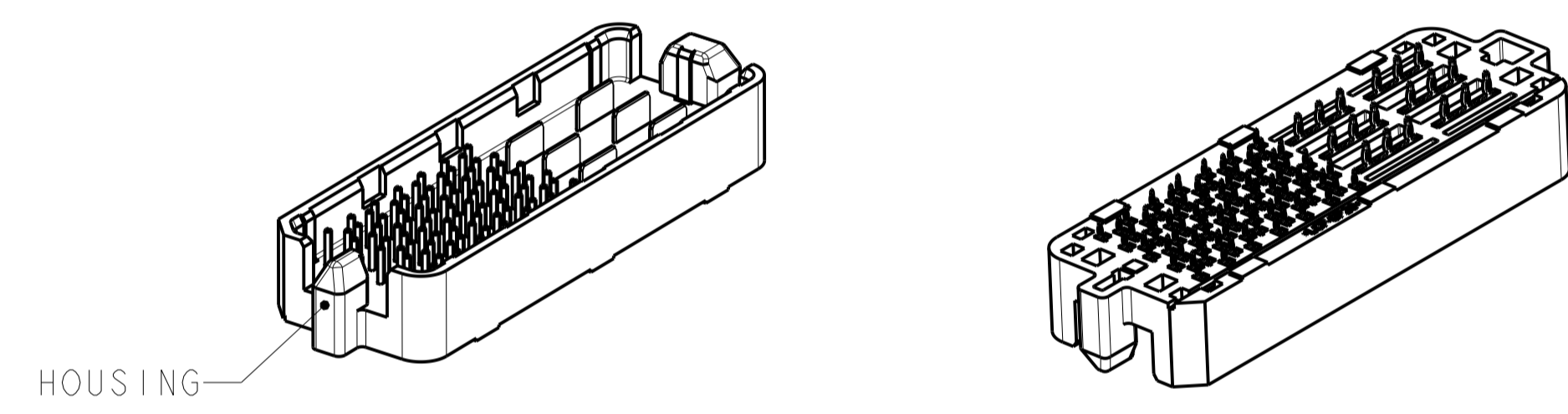
THIS PRODUCT HAS NOT
 COMPLETED VALIDATION AND
 QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN HAMNER 03JUN2011		TE Connectivity	
DIMENSIONS: mm		CHK D. TROUT 07JUN2011		NAME HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. FEEDER 07JUN2011	PRODUCT SPEC 108-2375		
0 PLC ±		APPLICATION SPEC 114-13249		SIZE CAGE CODE DRAWING NO. RESTRICTED TO	
1 PLC ±0.13		WEIGHT		A100779C=2180760	
2 PLC ±0.013		Customer Drawing		SCALE 6:1 SHEET 1 OF 4 REV A	
3 PLC ±					
4 PLC ±					
ANGLES ±1					
FINISH					

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

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

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

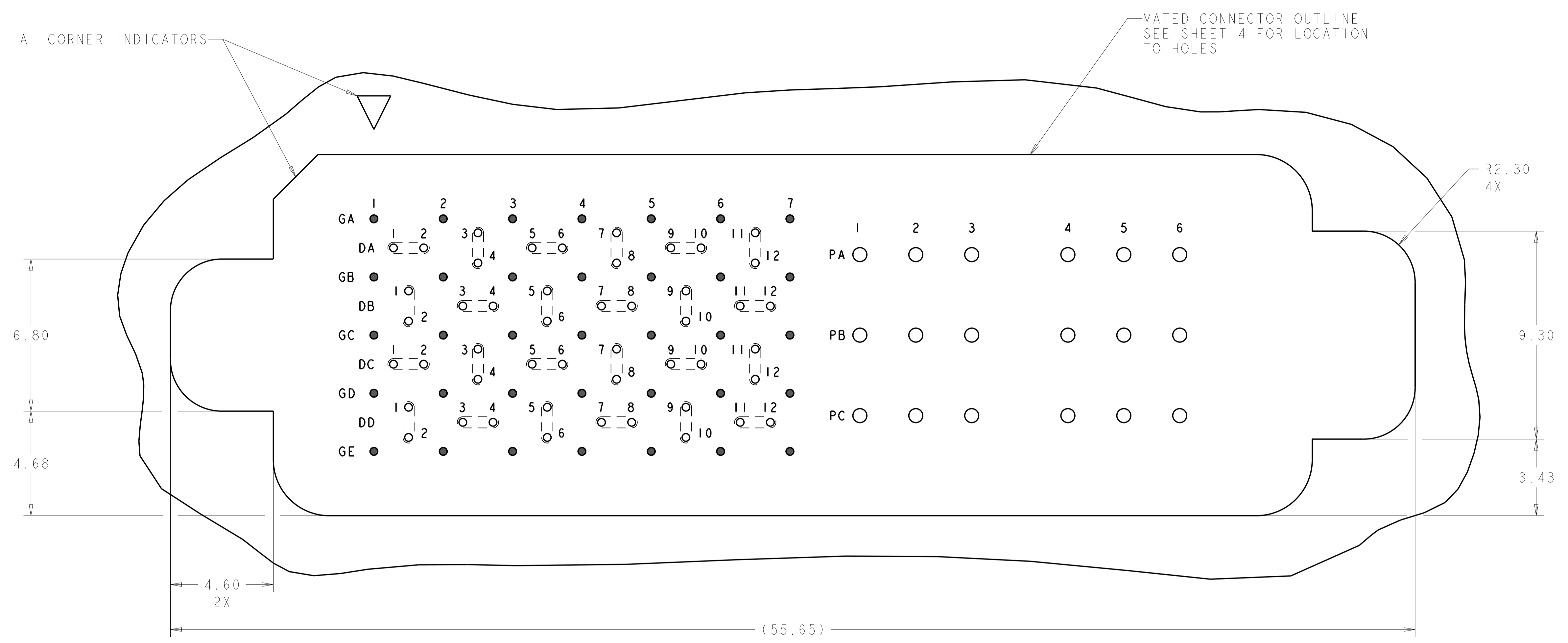
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: mm. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 2 PLC ±0.13. 3 PLC ±0.013. 4 PLC ±. ANGLES ±1.

CHK: HAMNER 03JUN2011. D. TROUT 07JUN2011. APPD: FEDDER 07JUN2011.


NAME: HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR. PRODUCT SPEC: 108-2375. APPLICATION SPEC: 114-13249. WEIGHT: -. SCALE: 6:1. SHEET 2 OF 4. REV A.

Customer Drawing. A100779C=2180760.

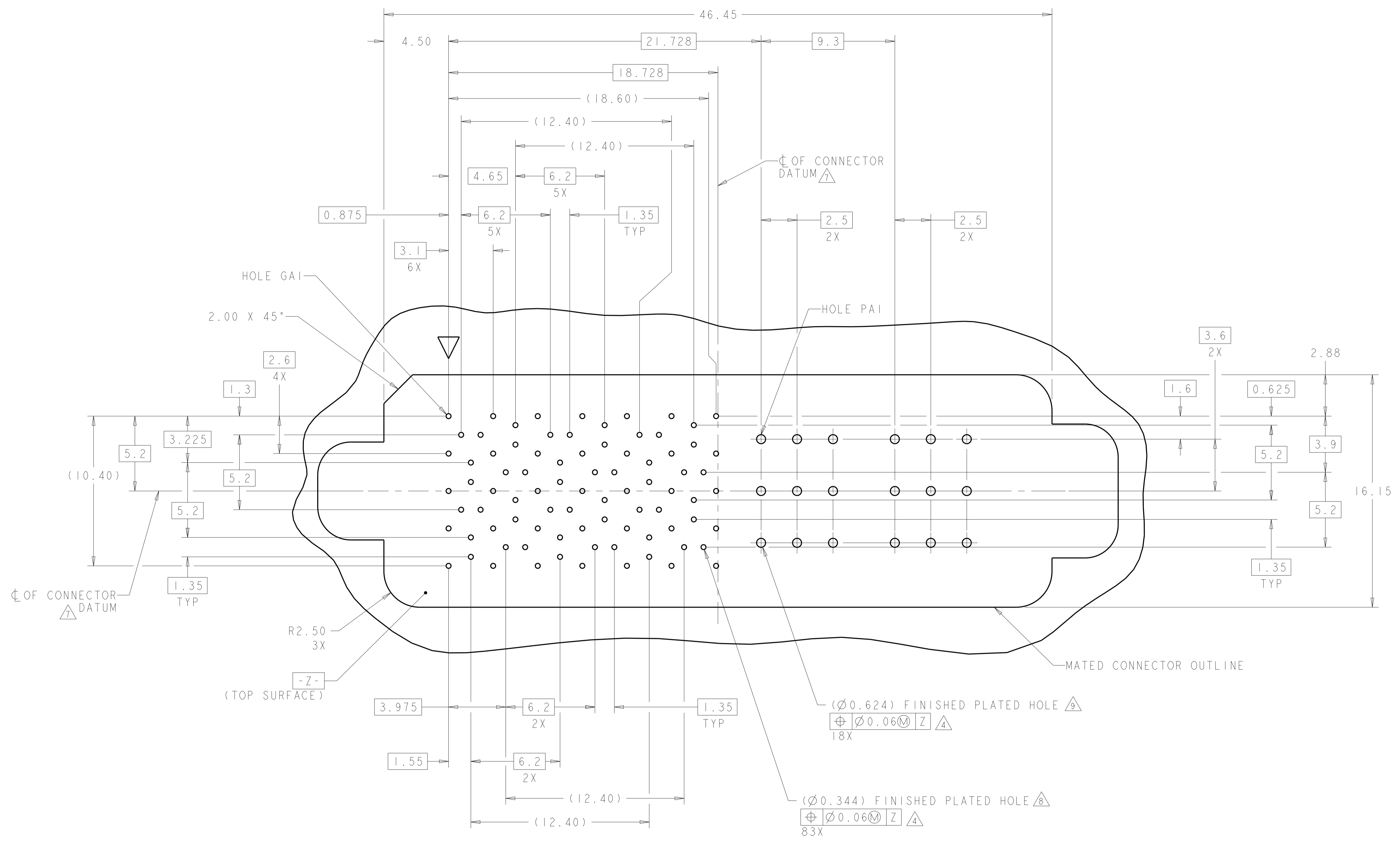
REVISIONS				
P.	LTN	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



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	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD E. FEEDER 07JUN2011	
mm		NAME	
0 PLC ±	PRODUCT SPEC	108-2375	HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR
1 PLC ±0.13	APPLICATION SPEC	114-13249	SIZE CAGE CODE DRAWING NO
2 PLC ±0.013	RESTRICTED TO	A100779C=2180760	SCALE 6:1 SHEET 3 OF 4 REV A
3 PLC ±	WEIGHT	Customer Drawing	
4 PLC ±			
ANGLES ±1			
MATERIAL			
FINISH			

REVISIONS				
P.	LTN	DESCRIPTION	DATE	APPV
-	-	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:		APPV: 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	

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