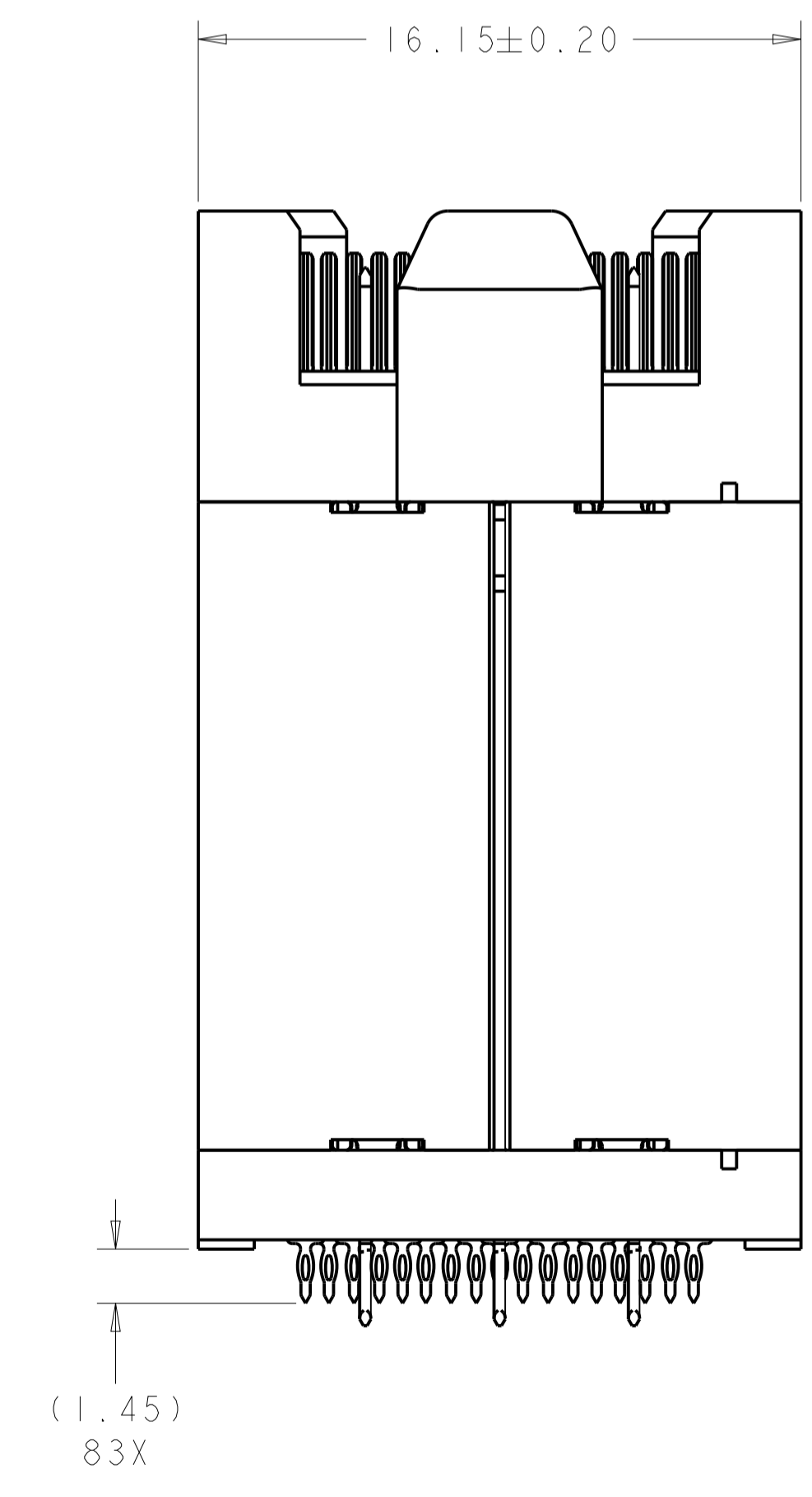
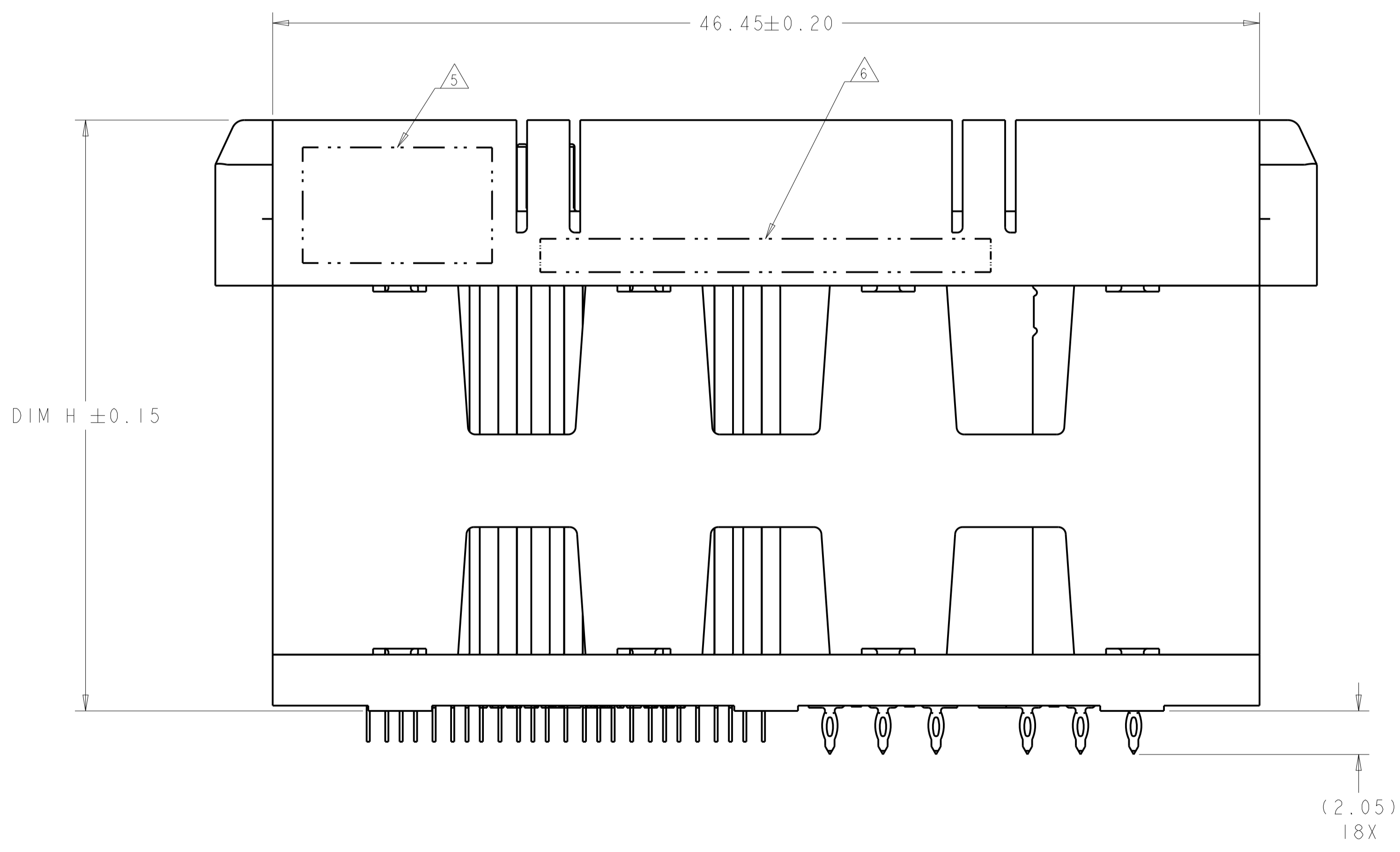
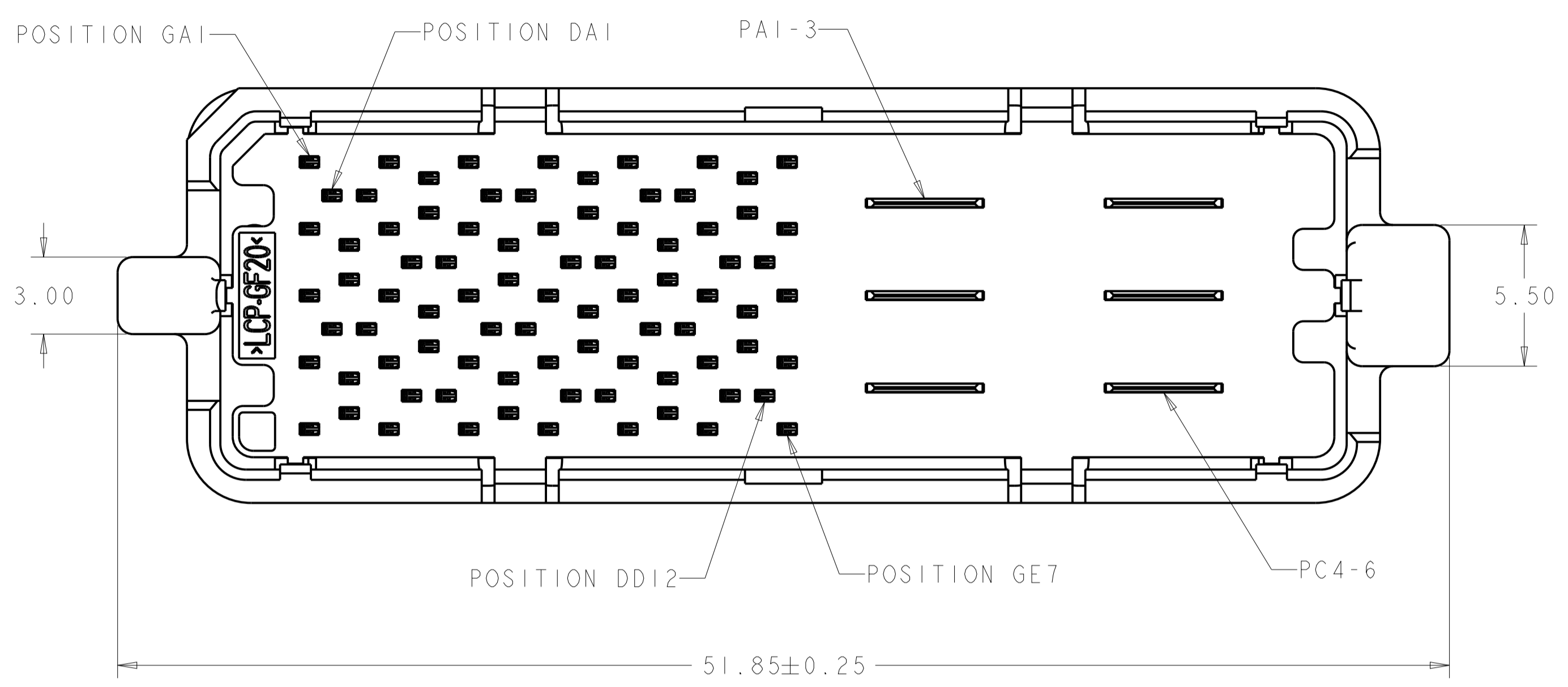


REVISIONS				
P.	LTN	DESCRIPTION	DATE	APV
A		REVISED PER ECO-14-005178	11APR2014	AP MH



- ⚠ 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.

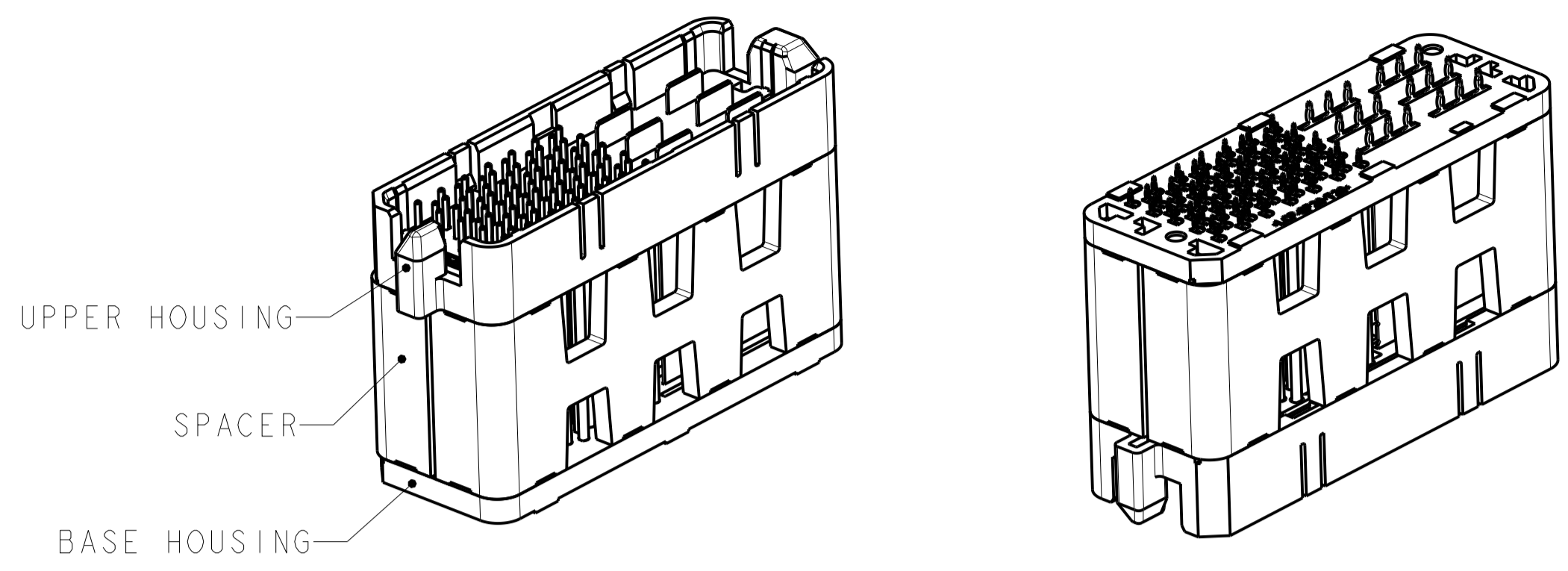
**SIZE 2 HALF WIDE W/GUIDE POSTS \***  
**24 DIFFERENTIAL PAIRS + GROUNDS**  
**83 TOTAL SIGNAL CONTACTS**  
**6 POWER CONTACTS**

\* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

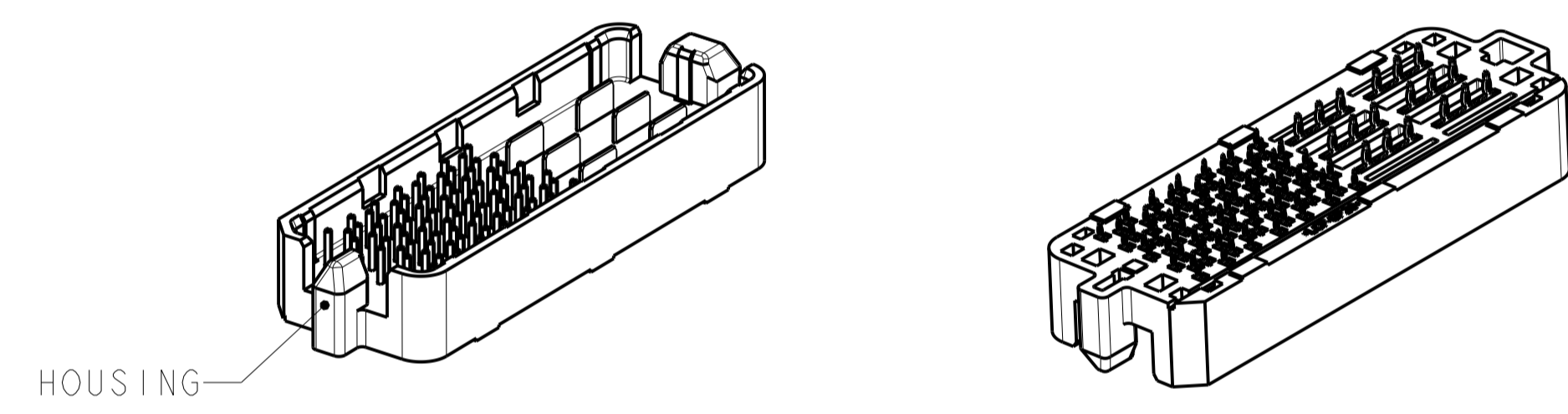
THIS PRODUCT HAS NOT  
COMPLETED VALIDATION AND  
QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN HAMNER 03JUN2011	TE Connectivity
DIMENSIONS: mm		CHK D. TROUT 07JUN2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APV J. FEEDER 07JUN2011	NAME
0 PLC ±		PRODUCT SPEC	HEADER ASSEMBLY,
1 PLC ±0.13		APPLICATION SPEC	HALF-WIDE, 24/83/6P,
3 PLC ±0.013		WEIGHT	STRADA MESA MEZZANINE CONNECTOR
4 PLC ±		SCALE	6:1
ANGLES ±1		SHEET	1 OF 4
FINISH		REV	A
MATERIAL		Customer Drawing	

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

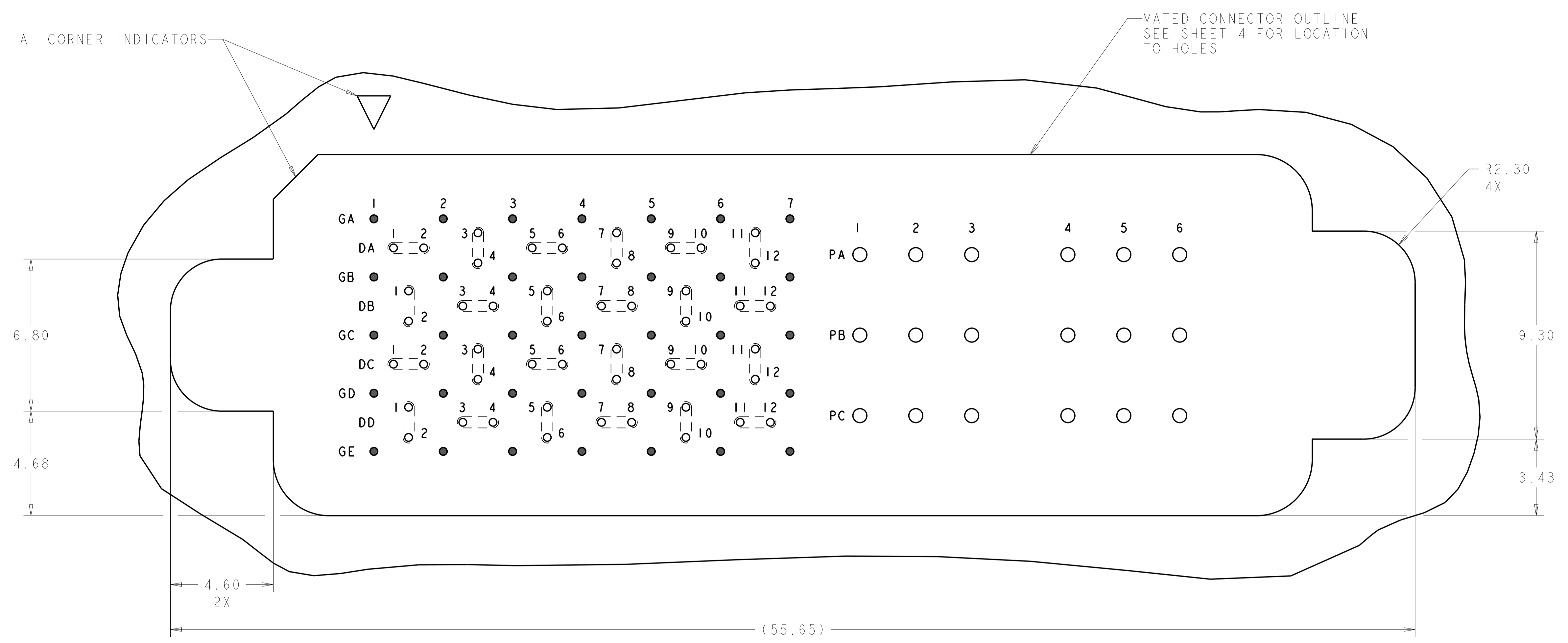
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$\triangle_{10}$	40.8	41mm	MATTE Sn	$\triangle_{11}$	9-2180760-1
$\triangle_{10}$	39.8	40mm	MATTE Sn	$\triangle_{11}$	9-2180760-0
$\triangle_{10}$	38.8	39mm	MATTE Sn	$\triangle_{11}$	8-2180760-9
$\triangle_{10}$	37.8	38mm	MATTE Sn	$\triangle_{11}$	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
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$\triangle_{10}$	17.8	18mm	MATTE Sn	$\triangle_{11}$	6-2180760-8
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$\triangle_{10}$	9.8	10mm	MATTE Sn	$\triangle_{11}$	6-2180760-0
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$\triangle_{10}$	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


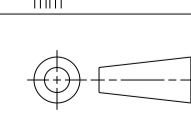
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: mm. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±.013, 2 PLC ±.013, 3 PLC ±.013, 4 PLC ±.013, ANGLES ±. MATERIAL: FINISH: WEIGHT: CUSTOMER DRAWING.

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.

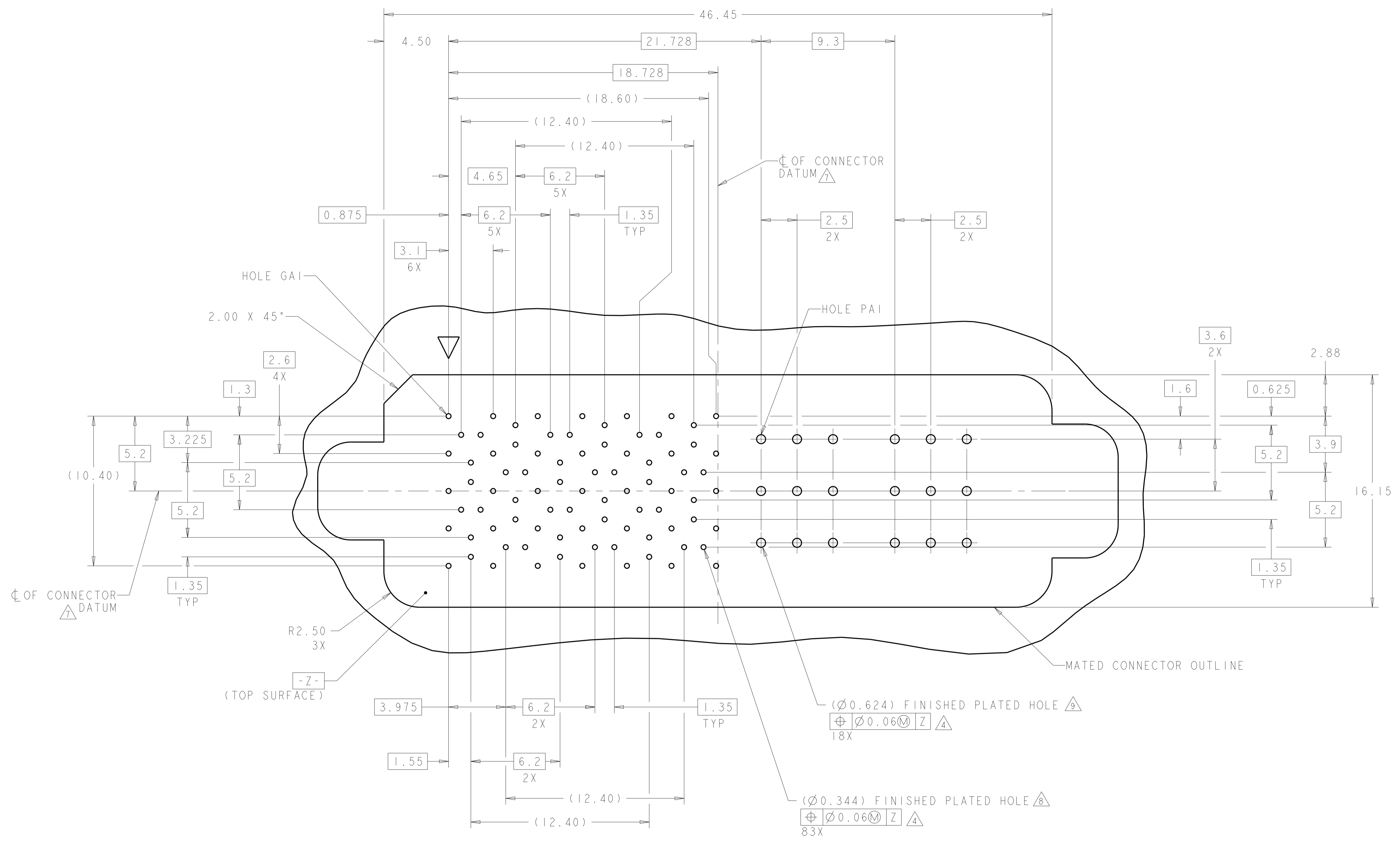
REVISIONS				
P.	LTN	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: HAMNER 03JUN2011	 TE Connectivity
DIMENSIONS: mm		CHK: D. TROUT 07JUN2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 2 PLC ±0.13 3 PLC ±0.013 4 PLC ± ANGLES ±1		APVD: FEDEER 07JUN2011	
		NAME: HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR	
MATERIAL: -	FINISH: -	PRODUCT SPEC: 108-2375	SIZE: A1
Customer Drawing		APPLICATION SPEC: 114-13249	CAGE CODE: 2180760
		WEIGHT: -	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.		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
3 PLC ±0.013	4 PLC ±	APPLICATION SPEC: 114-13249	CAGE CODE: 2180760
ANGLES ±1	FINISH	WEIGHT	RESTRICTED TO: Customer Drawing
MATERIAL		SCALE: 6:1	SHEET: 4 OF 4
REV: A		REV: A	



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.