

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

1. 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 FUDICIAL 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).

7. USE CENTER LINES INDICATED ON PCB HOLE PATTERN
TO ESTABLISH ALIGNMENT BETWEEN HEADER AND
RECEPTACLE BOARDS.

8. 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.

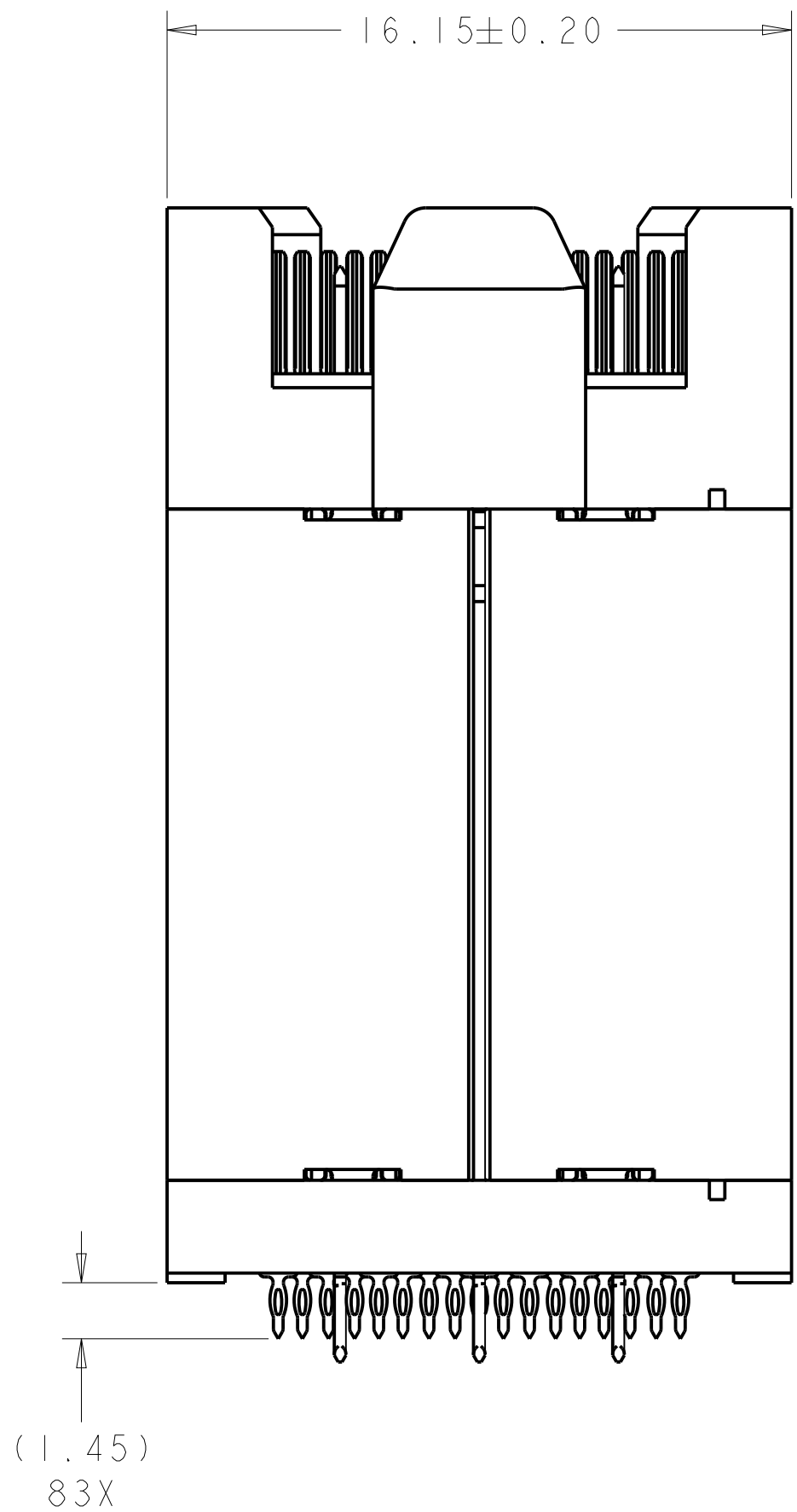
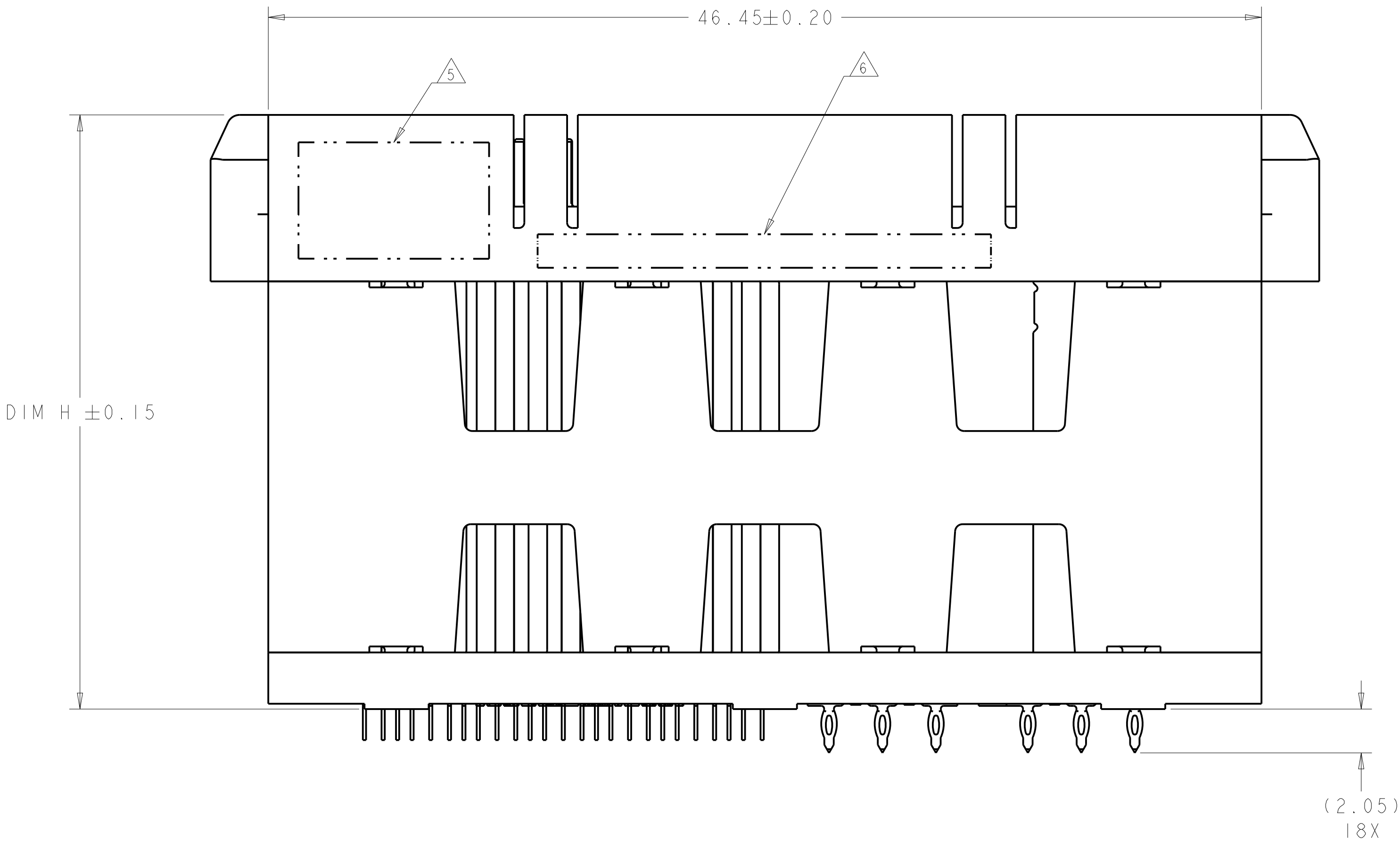
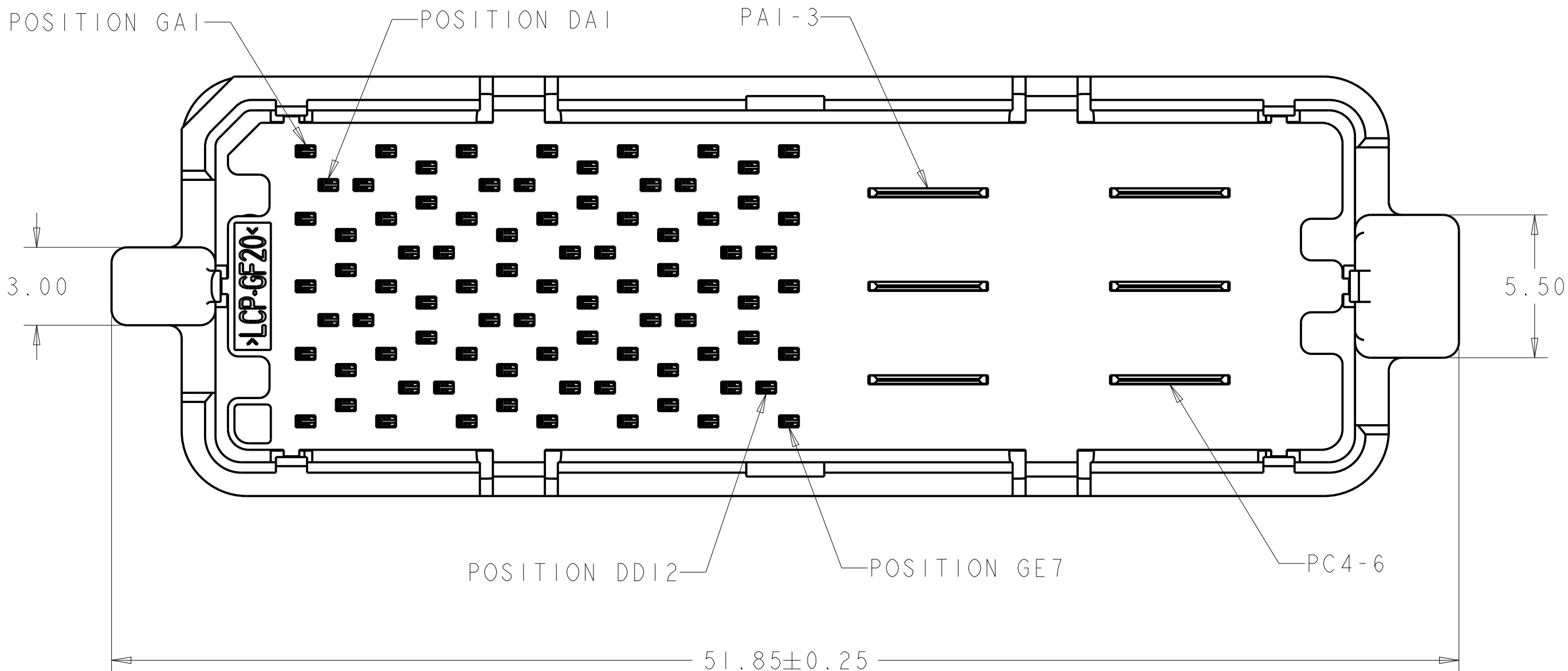
9. PLATED THROUGH HOLE REQUIREMENTS - POWER:
HOLE SIZE PRIOR TO PLATING = $\varnothing 0.700 \pm 0.025$
COPPER PLATING THICKNESS = 0.038 ± 0.013
CALCULATED FINISHED HOLE SIZE = $\varnothing 0.624 \pm 0.051$
THESE DIMENSIONS APPLY TO THE TOP 1.50mm OF
THE PCB THICKNESS FROM THE CONNECTOR MOUNTING
SIDE.

10. CONTACT SALES FOR AVAILABILITY OF THIS STACK
HEIGHT.

11. PRELIMINARY PARTS.

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

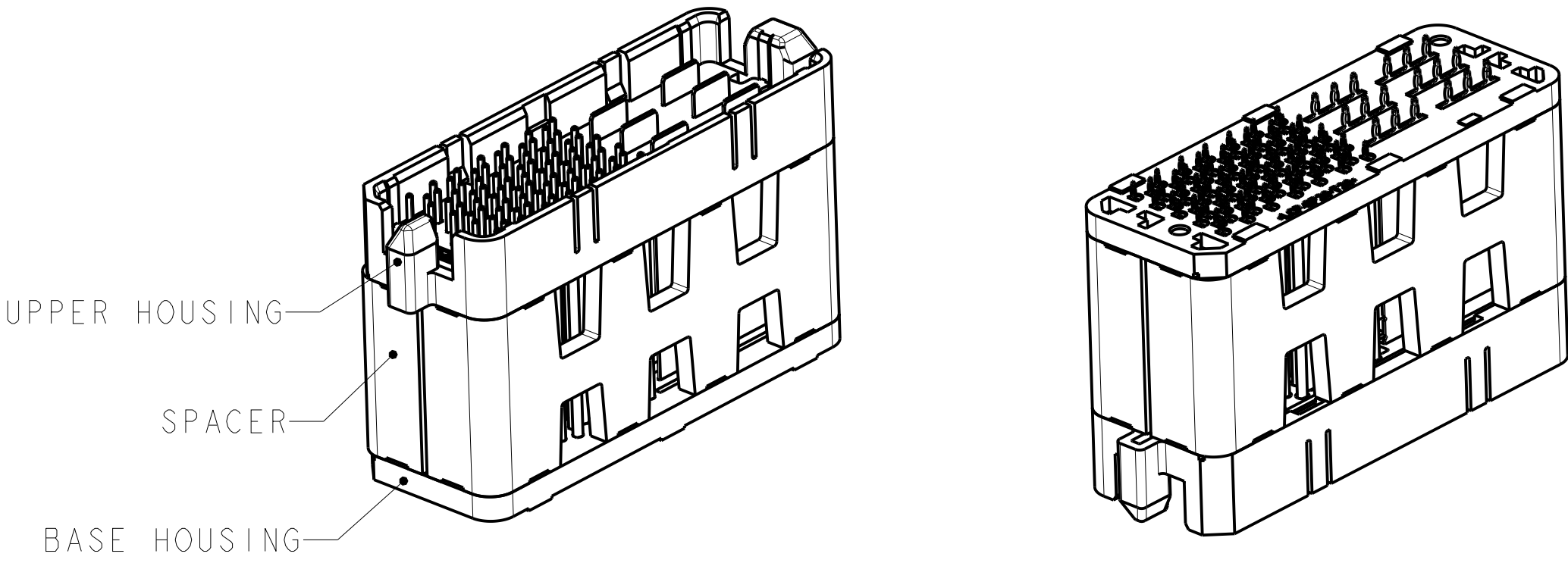
* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE



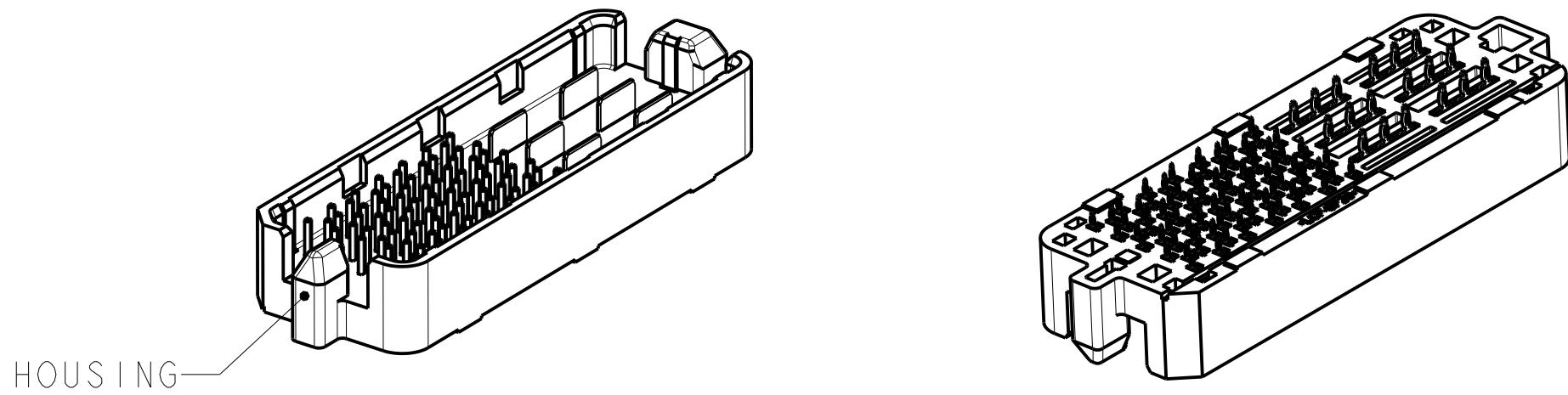
THIS PRODUCT HAS NOT
COMPLETED VALIDATION AND
QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HAMNER 03JUN2011	 TE Connectivity			
DIMENSIONS:		CHK D. TROUT 07JUN2011				
mm		APVD EFDDER 07JUN2011	NAME HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR			
		PRODUCT SPEC 108-2375				
				APPLICATION SPEC 114-13249	SIZE A 100779  2180760 RESTRICTED TO	
		MATERIAL		WEIGHT		
				Customer Drawing	SCALE 6:1 SHEET 1 OF 4 REV A	

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

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

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OWN HAMNER 03JUN2011
CHK D. TROUT 07JUN2011
APVD EFODER 07JUN2011

DIMENSIONS:
mm

0 PLC ±"
1 PLC ±.13
2 PLC ±.013
3 PLC ±.013
4 PLC ±"
ANGLES ±"
FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2375
APPLICATION SPEC
114-13249
WEIGHT

MATERIAL
-
-

-
-

Customer Drawing

NAME
TE Connectivity

PRODUCT SPEC
108-2375
APPLICATION SPEC
114-13249
WEIGHT

SIZE
A1

CAGE CODE
00779

DRAWING NO
2180760

RESTRICTED TO
-

SCALE
6:1

SHEET
2

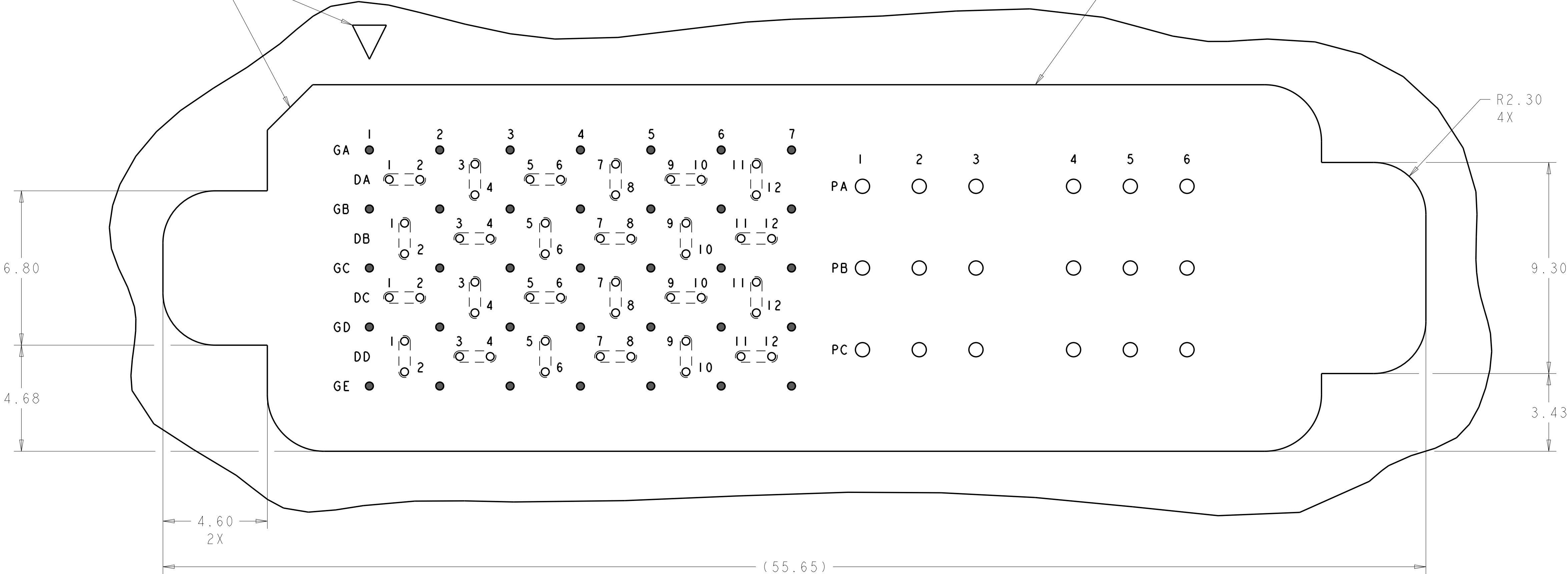
OF
4

REV
A

REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	APVD.
-	-	SEE SHEET 1	-	-	-

AI 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.

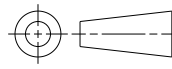
DWN: HAMNER 03JUN2011

CHK: D. TROUT 07JUN2011

APVD: EFODER 07JUN2011

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±0.13

3 PLC ±0.013

4 PLC ±.01

ANGLES ±.1

FINISH

PRODUCT SPEC

108-2375

APPLICATION SPEC

114-13249

WEIGHT

Customer Drawing

TE Connectivity

NAME: HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR

SIZE: A1

CAGE CODE: 00779

DRAWING NO: C=2180760

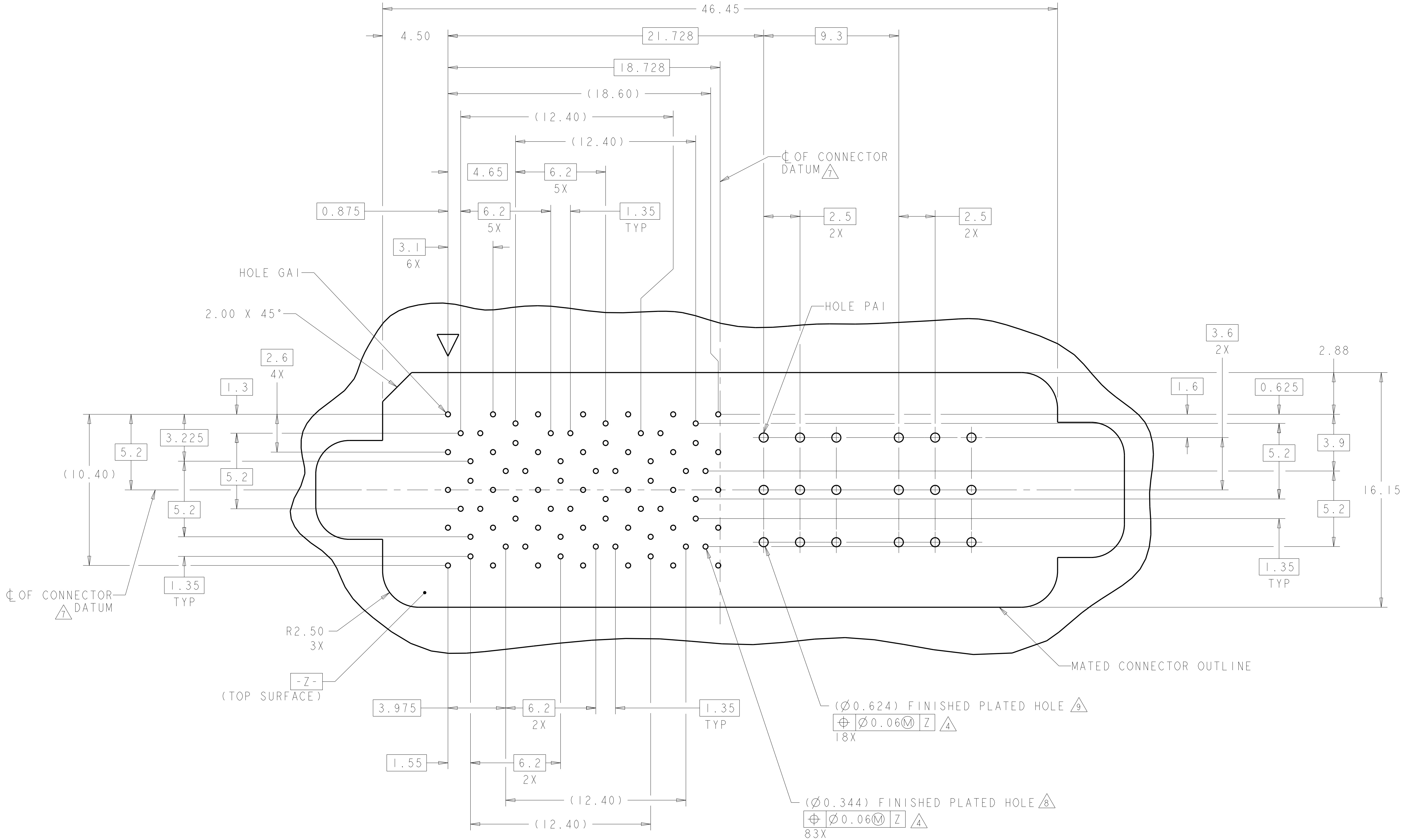
RESTRICTED TO: -

SCALE: 6:1

SHEET: 3 OF 4

REV: A

REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	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:		CHK: D. TROUT 07JUN2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: EFODER 07JUN2011	NAME: HEADER ASSEMBLY, HALF-WIDE, 24/83/6P, STRADA MESA MEZZANINE CONNECTOR	
	0 PLC ±.01	PRODUCT SPEC	SIZE: CAGE CODE DRAWING NO. RESTRICTED TO	
	1 PLC ±.013	108-2375	A100779C=2180760	
	2 PLC ±.013	APPLICATION SPEC	SCALE 6:1 SHEET 4 OF 4 REV A	
	3 PLC ±.013	114-13249	Customer Drawing	
	4 PLC ±.013	WEIGHT		
MATERIAL	FINISH			
-	-			
-	-			

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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