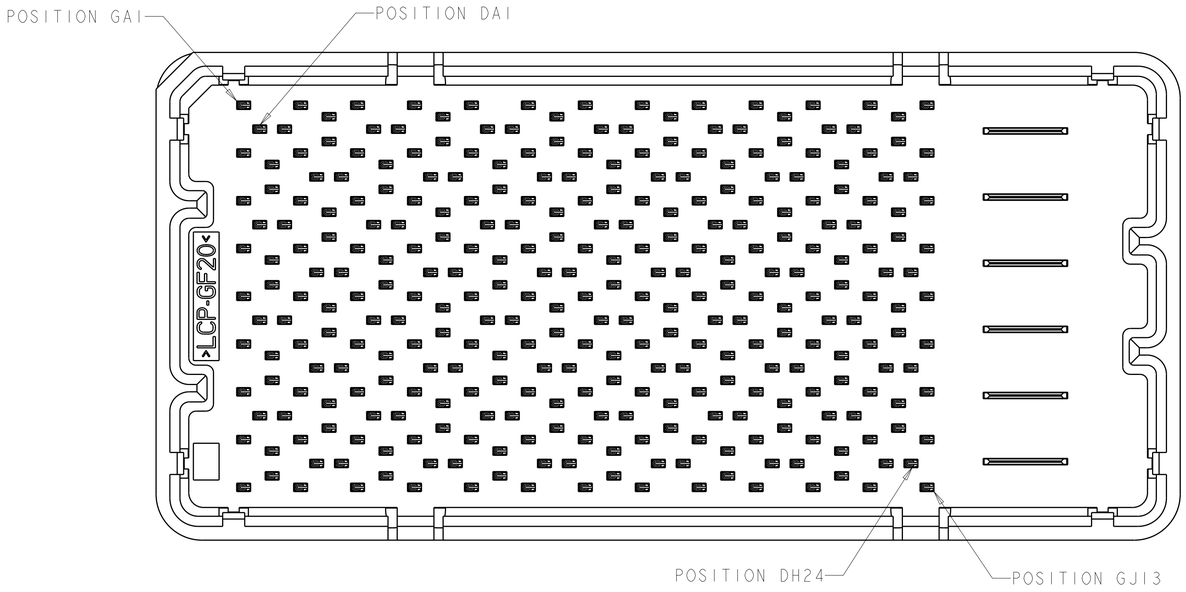
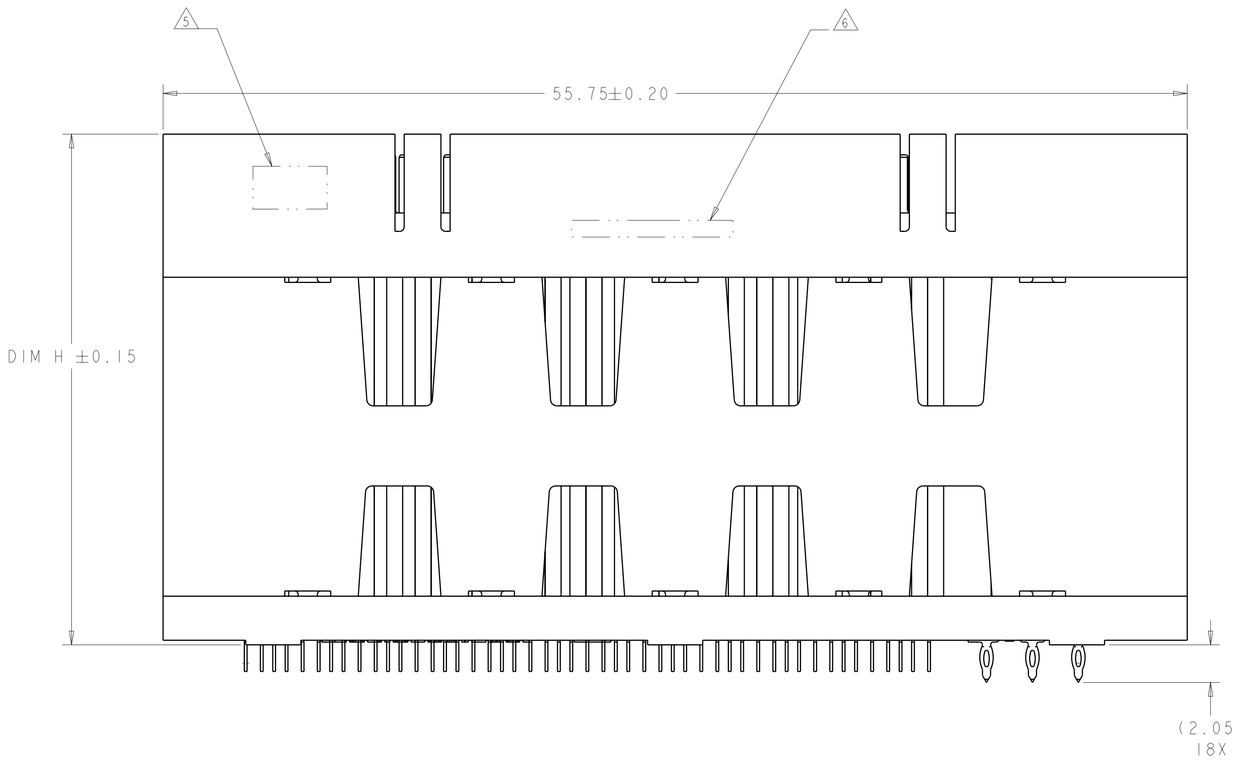
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

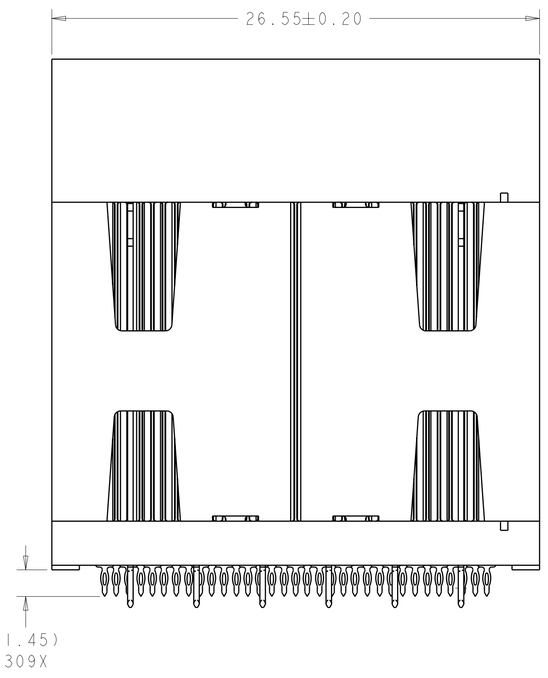
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	4	REVISED	08DEC2010	WS	MH
	5	REVISED	10MAY2012	REH	DT







1. MATERIAL:
   BASE HOUSING, UPPER HOUSING, ORGANIZER, AND SPACER: THERMOPLASTIC, FLAMMABILITY RATING UL94-V0
   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 GJ (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 FIDUCIAL 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 CENTERLINES INDICATED ON PCB HOLE PATTERN TO ESTABLISH ALIGNMENT BETWEEN HEADER AND RECEPTACLE BOARDS.

8. PLATED THROUGH HOLE REQUIREMENTS - SIGNAL:
   HOLE SIZE PRIOR TO PLATING = Ø0.420±0.013
   COPPER PLATING THICKNESS = 0.038±0.013
   CALCULATED FINISHED HOLE SIZE = Ø0.344±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 = Ø0.700±0.025
   COPPER PLATING THICKNESS = 0.038±0.013
   CALCULATED FINISHED HOLE SIZE = Ø0.624±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.

SIZE 3 HOUSING *
96 DIFFERENTIAL PAIRS
309 TOTAL SIGNAL CONTACTS
6 POWER CONTACTS

* SIZE 1 AND SIZE 2 ARE ALSO AVAILABLE

THIS PRODUCT HAS NOT COMPLETED VALIDATION AND QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±-
ANGLES ±1

MATERIAL - - (1)
FINISH - -

DWN D RINGLER 08JUN2009
CHK D TROUT 08JUN2009
APVD J FEDDER 08JUN2009
PRODUCT SPEC 108-2375
APPLICATION SPEC 114-13249
WEIGHT -

TE Connectivity

NAME HEADER ASSEMBLY 96/309/6P STRADA MESA MEZZANINE CONNECTOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110480	-

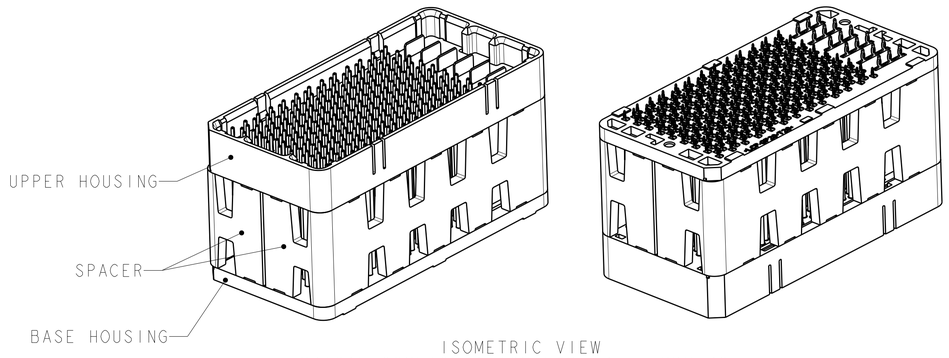
CUSTOMER DRAWING | SCALE 6:1 | SHEET 1 OF 4 | REV 5

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

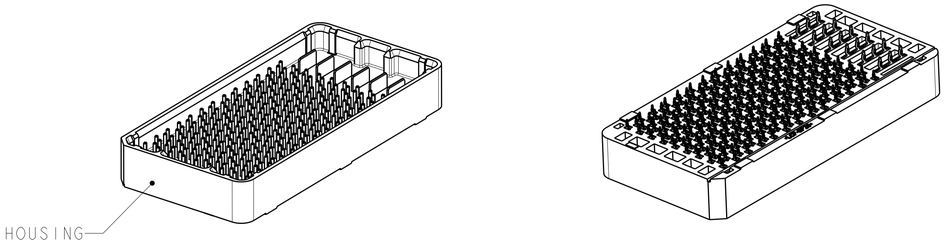
LOC	DIST
GP	00

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

TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER
10	41.8	42mm	MATTE Sn	9-2110480-2
10	40.8	41mm	MATTE Sn	9-2110480-1
YES	39.8	40mm	MATTE Sn	9-2110480-0
10	38.8	39mm	MATTE Sn	8-2110480-9
10	37.8	38mm	MATTE Sn	8-2110480-8
10	36.8	37mm	MATTE Sn	8-2110480-7
10	35.8	36mm	MATTE Sn	8-2110480-6
10	34.8	35mm	MATTE Sn	8-2110480-5
10	33.8	34mm	MATTE Sn	8-2110480-4
10	32.8	33mm	MATTE Sn	8-2110480-3
10	31.8	32mm	MATTE Sn	8-2110480-2
10	30.8	31mm	MATTE Sn	8-2110480-1
10	29.8	30mm	MATTE Sn	8-2110480-0
10	28.8	29mm	MATTE Sn	7-2110480-9
YES	27.8	28mm	MATTE Sn	7-2110480-8
10	26.8	27mm	MATTE Sn	7-2110480-7
10	25.8	26mm	MATTE Sn	7-2110480-6
10	24.8	25mm	MATTE Sn	7-2110480-5
10	23.8	24mm	MATTE Sn	7-2110480-4
YES	22.8	23mm	MATTE Sn	7-2110480-3
10	21.8	22mm	MATTE Sn	7-2110480-2
10	20.8	21mm	MATTE Sn	7-2110480-1
10	19.8	20mm	MATTE Sn	7-2110480-0
10	18.8	19mm	MATTE Sn	6-2110480-9
10	17.8	18mm	MATTE Sn	6-2110480-8
10	16.8	17mm	MATTE Sn	6-2110480-7
10	15.8	16mm	MATTE Sn	6-2110480-6
10	14.8	15mm	MATTE Sn	6-2110480-5
10	13.8	14mm	MATTE Sn	6-2110480-4
10	12.8	13mm	MATTE Sn	6-2110480-3
10	11.8	12mm	MATTE Sn	6-2110480-2
10	10.8	11mm	MATTE Sn	6-2110480-1
YES	9.8	10mm	MATTE Sn	6-2110480-0
10	8.8	9mm	MATTE Sn	5-2110480-9
10	7.8	8mm	MATTE Sn	5-2110480-8

TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER
10	41.8	42mm	Sn/Pb	4-2110480-2
10	40.8	41mm	Sn/Pb	4-2110480-1
YES	39.8	40mm	Sn/Pb	4-2110480-0
10	38.8	39mm	Sn/Pb	3-2110480-9
10	37.8	38mm	Sn/Pb	3-2110480-8
10	36.8	37mm	Sn/Pb	3-2110480-7
10	35.8	36mm	Sn/Pb	3-2110480-6
10	34.8	35mm	Sn/Pb	3-2110480-5
10	33.8	34mm	Sn/Pb	3-2110480-4
10	32.8	33mm	Sn/Pb	3-2110480-3
10	31.8	32mm	Sn/Pb	3-2110480-2
10	30.8	31mm	Sn/Pb	3-2110480-1
10	29.8	30mm	Sn/Pb	3-2110480-0
10	28.8	29mm	Sn/Pb	2-2110480-9
YES	27.8	28mm	Sn/Pb	2-2110480-8
10	26.8	27mm	Sn/Pb	2-2110480-7
10	25.8	26mm	Sn/Pb	2-2110480-6
10	24.8	25mm	Sn/Pb	2-2110480-5
10	23.8	24mm	Sn/Pb	2-2110480-4
YES	22.8	23mm	Sn/Pb	2-2110480-3
10	21.8	22mm	Sn/Pb	2-2110480-2
10	20.8	21mm	Sn/Pb	2-2110480-1
10	19.8	20mm	Sn/Pb	2-2110480-0
10	18.8	19mm	Sn/Pb	1-2110480-9
10	17.8	18mm	Sn/Pb	1-2110480-8
10	16.8	17mm	Sn/Pb	1-2110480-7
10	15.8	16mm	Sn/Pb	1-2110480-6
10	14.8	15mm	Sn/Pb	1-2110480-5
10	13.8	14mm	Sn/Pb	1-2110480-4
10	12.8	13mm	Sn/Pb	1-2110480-3
10	11.8	12mm	Sn/Pb	1-2110480-2
10	10.8	11mm	Sn/Pb	1-2110480-1
YES	9.8	10mm	Sn/Pb	1-2110480-0
10	8.8	9mm	Sn/Pb	2110480-9
10	7.8	8mm	Sn/Pb	2110480-8

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±-
ANGLES ±1

MATERIAL - -
FINISH - -

DWN D.RINGLER 08JUN2009
CHK D.TROUT 08JUN2009
APVD J.FEDDER 08JUN2009
PRODUCT SPEC 108-2375
APPLICATION SPEC 114-13249
WEIGHT -

TE Connectivity

NAME
HEADER ASSEMBLY
96/309/6P
STRADA MESA MEZZANINE CONNECTOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110480	-

CUSTOMER DRAWING | SCALE 6:1 | SHEET 2 OF 4 | REV 5

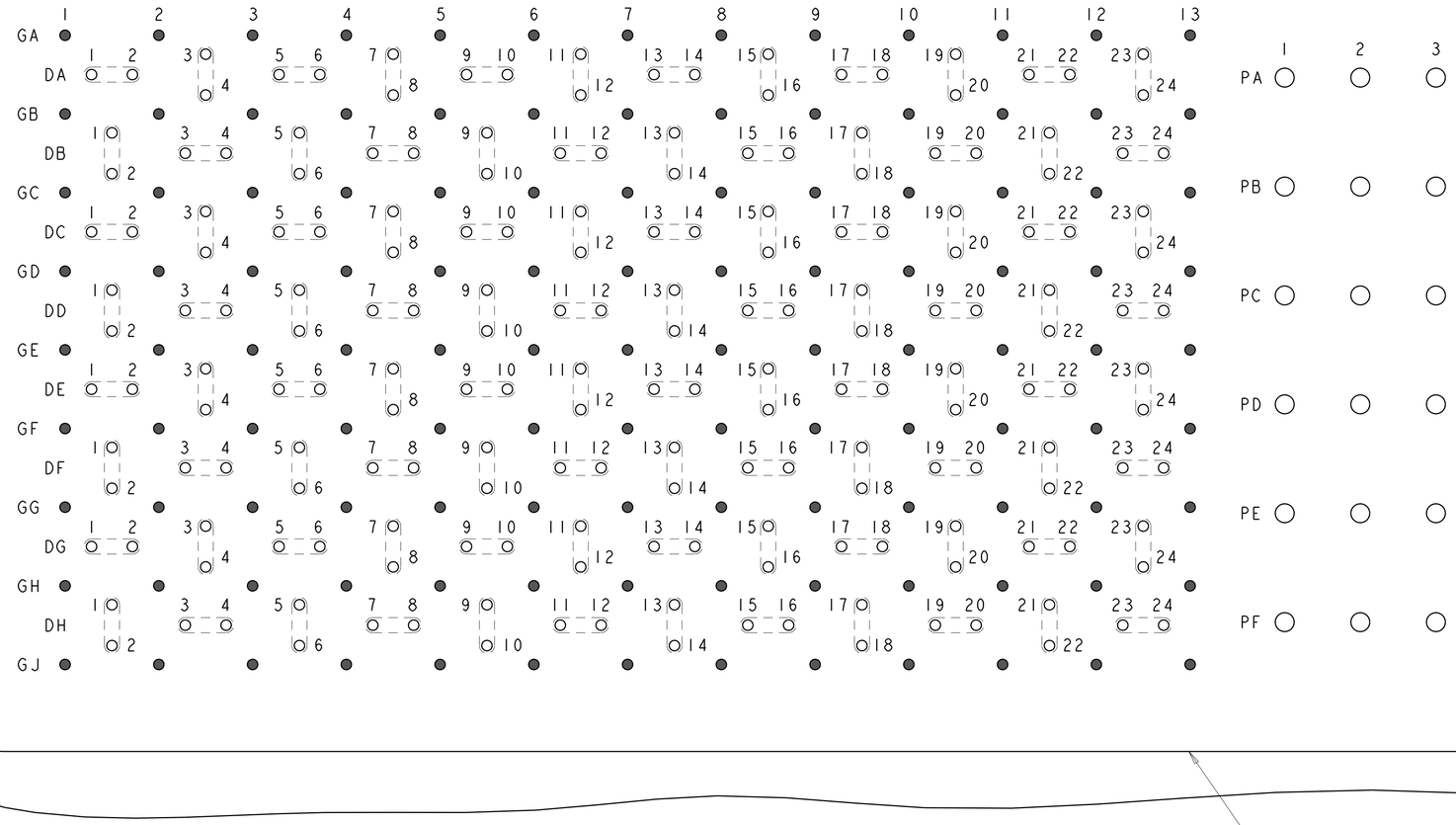
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC	DIST
GP	00

REVISIONS

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

A1 CORNER INDICATORS.



MATED CONNECTOR OUTLINE
SEE SHEET 4 FOR LOCATION TO HOLES

PCB LAYOUT AND PIN IDENTIFICATION △3

SHOWN FROM CONNECTOR SIDE
SCALE 10:1

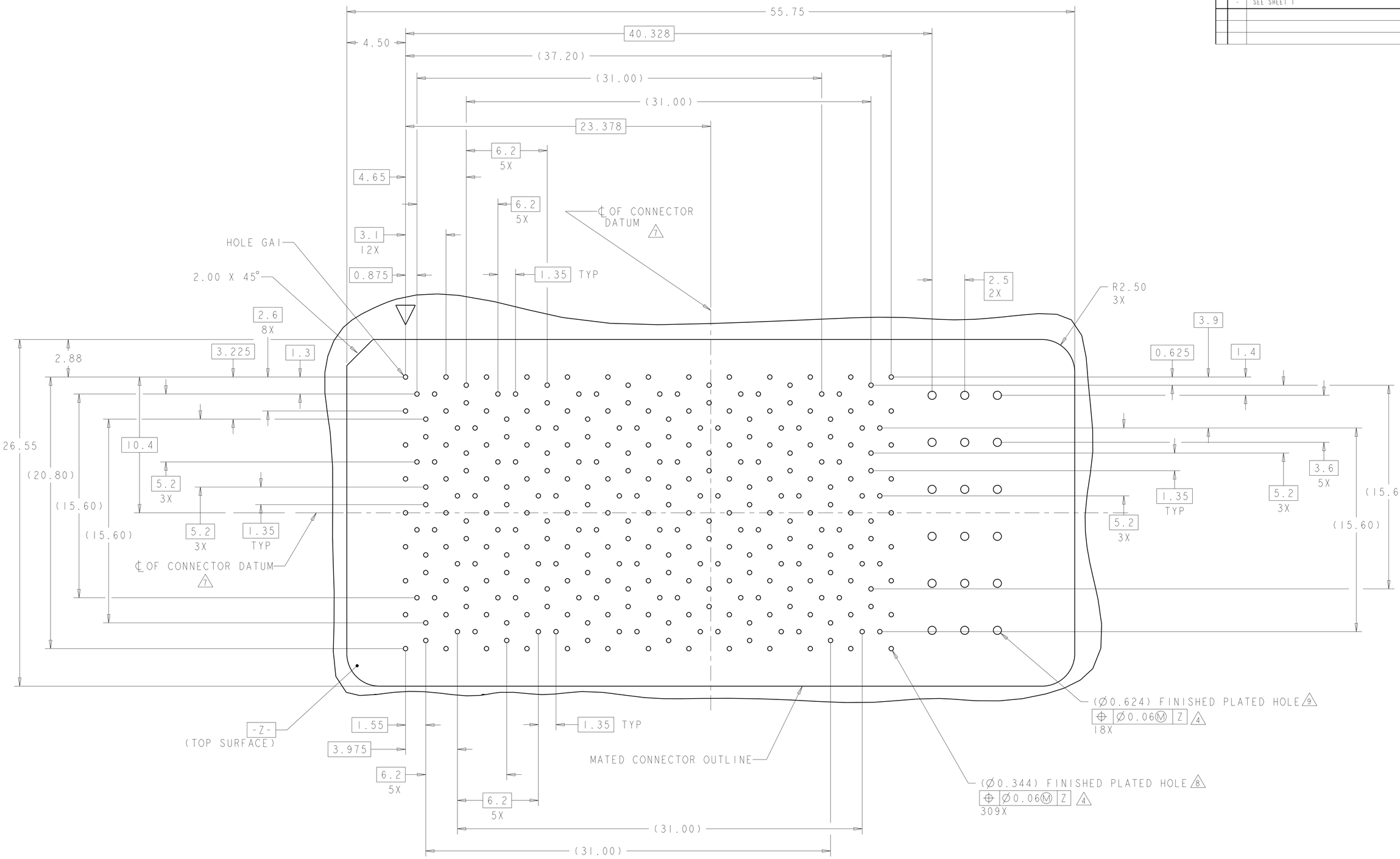
THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN D.RINGLER 08JUN2009	TE Connectivity	
DIMENSIONS: mm	CHK D.TROUT 08JUN2009	NAME	HEADER ASSEMBLY 96/309/6P STRADA MESA MEZZANINE CONNECTOR
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±- ANGLES ±1	APVD J.FEDDER 08JUN2009	PRODUCT SPEC 108-2375	
		APPLICATION SPEC 114-13249	
MATERIAL - -	FINISH - -	WEIGHT -	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-2110480 · RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 6:1 · SHEET 3 OF 4 · REV 5

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC	DIST
GP	00

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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±-
ANGLES ±1

MATERIAL - -

FINISH - -

DWN	D RINGLER 08JUN2009
CHK	D TROUT 08JUN2009
APVD	J FEDDER 08JUN2009
PRODUCT SPEC	108-2375
APPLICATION SPEC	114-13249
WEIGHT	-

TE Connectivity

NAME: HEADER ASSEMBLY 96/309/6P STRADA MESA MEZZANINE CONNECTOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2110480	-

CUSTOMER DRAWING | SCALE 6:1 | SHEET 4 OF 4 | REV 5

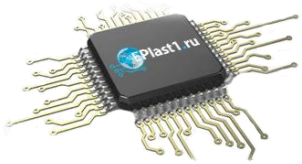
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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