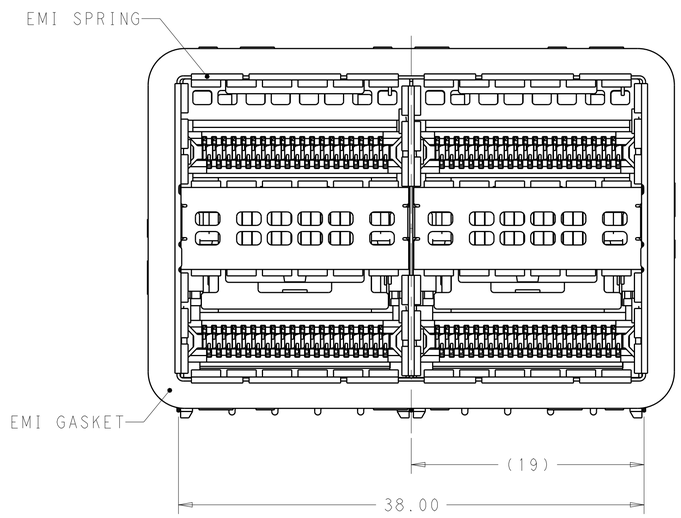
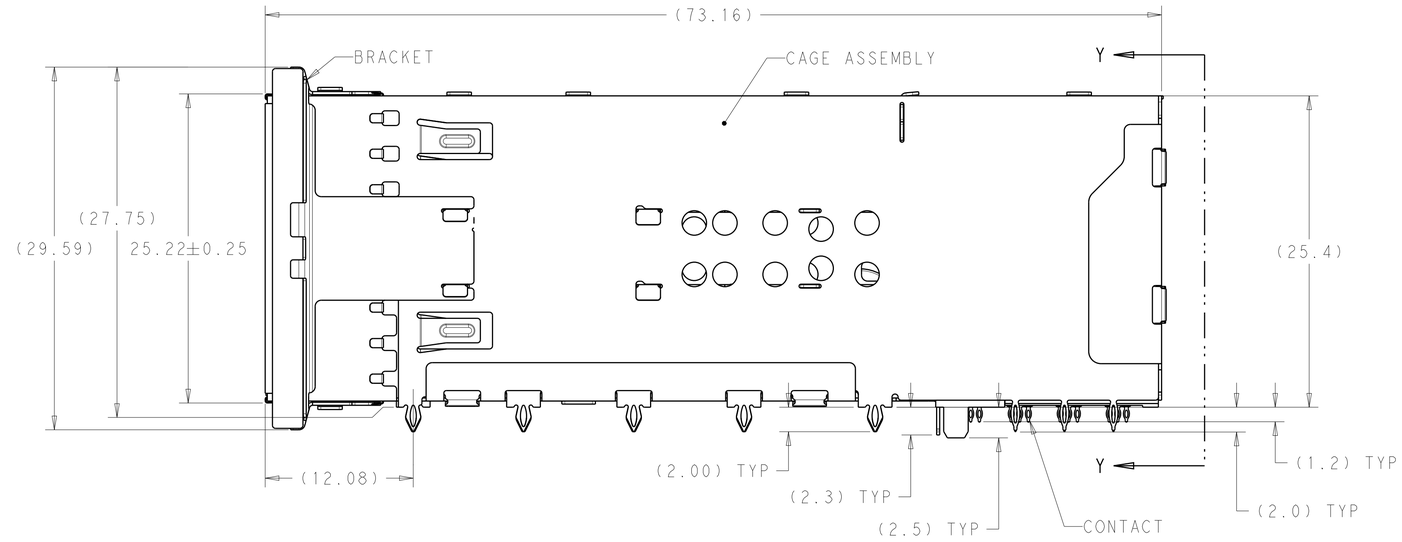
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED FOR PRODUCTION	02MAR2016	TX	SH





1. MATERIALS:
   CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
   BRACKET- NICKEL SILVER ALLOY PER ASTM B 122.
   EMI SPRING- COPPER ALLOY, NICKEL PLATED.
   EMI GASKET- PLATED FILLED SILICONE.
   HOUSING- POLYESTER LCP WITH 94V-0.
   CHICKLET- POLYESTER LCP WITH 94V-0.
   CONTACT- COPPER ALLOY.
   LIGHTPIPE- POLYCARBONATE WITH 94V-0.

△2 CONTACT FINISH: 0.76µm GOLD ON MATING END, 1.25µm TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.

△3 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

4. MINIMUM PCB THICKNESS OF 1.57.

△5 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS.

△6 CROSS-HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.

△7 PART NUMBER AND DATE CODE MARKED IN APPROXIMATE AREA SHOWN.

△8 THESE HOLES ARE OPTIONAL WHEN PINS ON BACK OF CAGE ARE REMOVED.

△9 CONTACT FINISH: 0.08µm MINIMUM GOLD OVER 0.68µm PALLADIUM-NICKEL ON MATING END, 1.25µm MATT TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.

CONTACT FINISH	DESCRIPTION	PART NUMBER
△9	LEFT INDICATOR DOWN	2227225-6
△9	LEFT INDICATOR UP	2227225-5
△9	NO LIGHTPIPE	2227225-4
△2	LEFT INDICATOR DOWN	2227225-3
△2	LEFT INDICATOR UP	2227225-2
△2	NO LIGHTPIPE	2227225-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.15
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - SEE NOTE 1

FINISH - SEE NOTE 2

DWN M.SHIRK 03AUG2012
CHK D.SZCZESNY 03AUG2012
APVD -
PRODUCT SPEC 108-60102
APPLICATION SPEC 114-60015
WEIGHT -

TE Connectivity

NAME CAGE AND CONNECTOR ASSEMBLY, WITH EMI GASKET, 2X2, ZQSFP+ STACKED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2227225	-

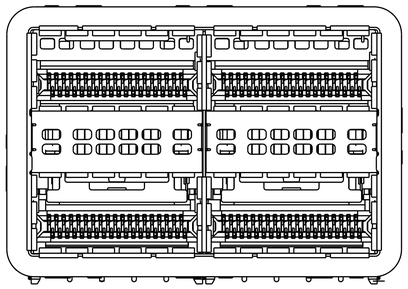
CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 4 | REV A

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

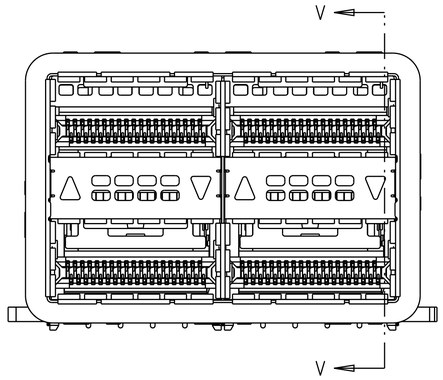
LOC	DIST

REVISIONS

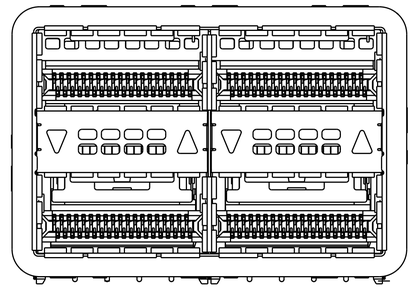
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



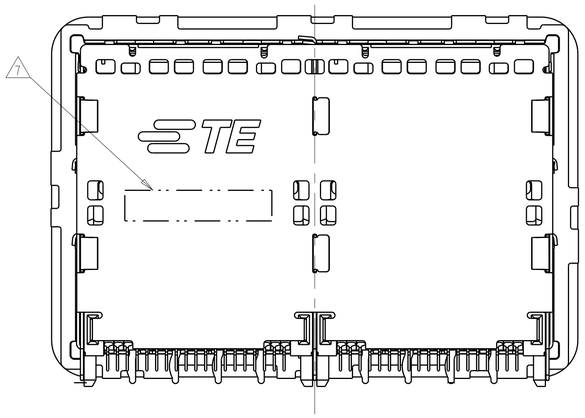
2227225-1 / 2227225-4
NO LIGHTPIPE IN ASSEMBLY
SCALE 3:1



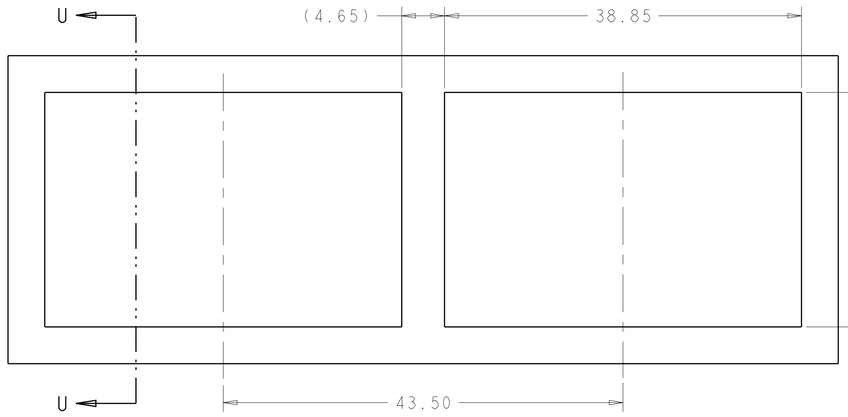
2227225-2 / 2227225-5
LEFT LIGHTPIPE INDICATOR
POINTING TO UPPER PORT
SCALE 3:1



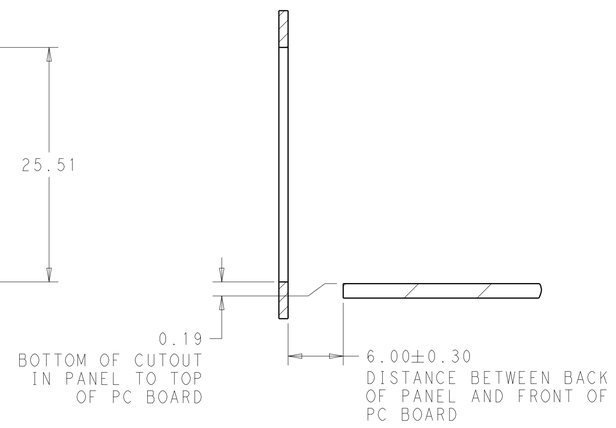
2227225-3 / 2227225-6
LEFT LIGHTPIPE INDICATOR
POINTING TO LOWER PORT
SCALE 3:1



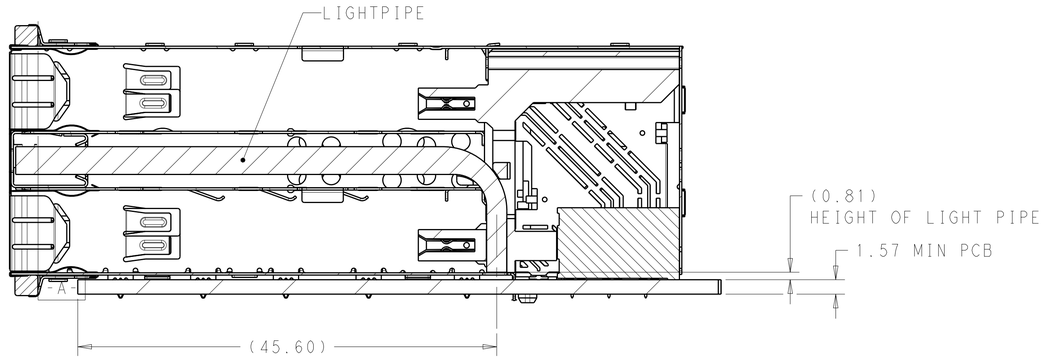
VIEW Y-Y



RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL POSITION
SCALE 3:1



SECTION U-U

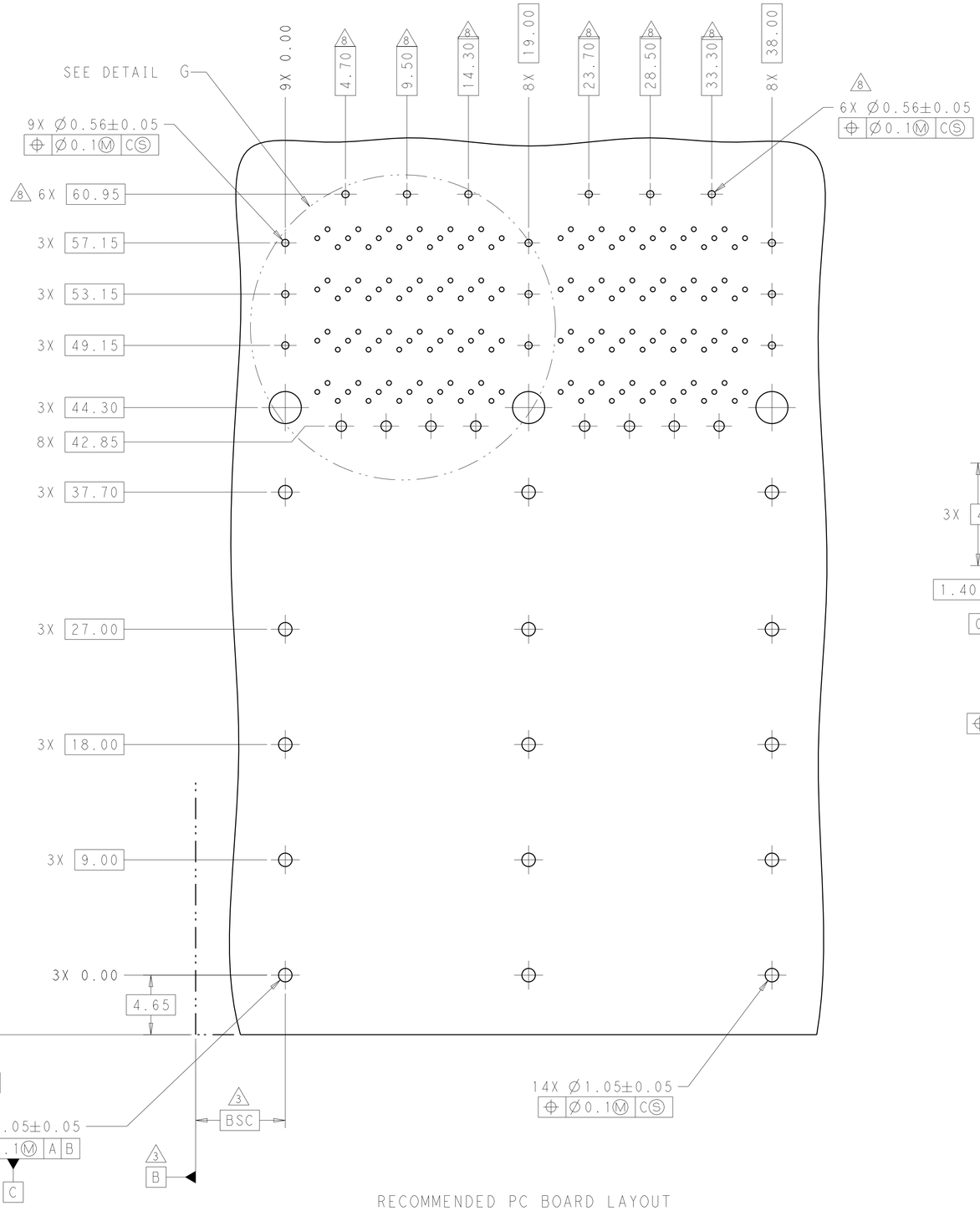


SECTION V-V
SCALE 3:1

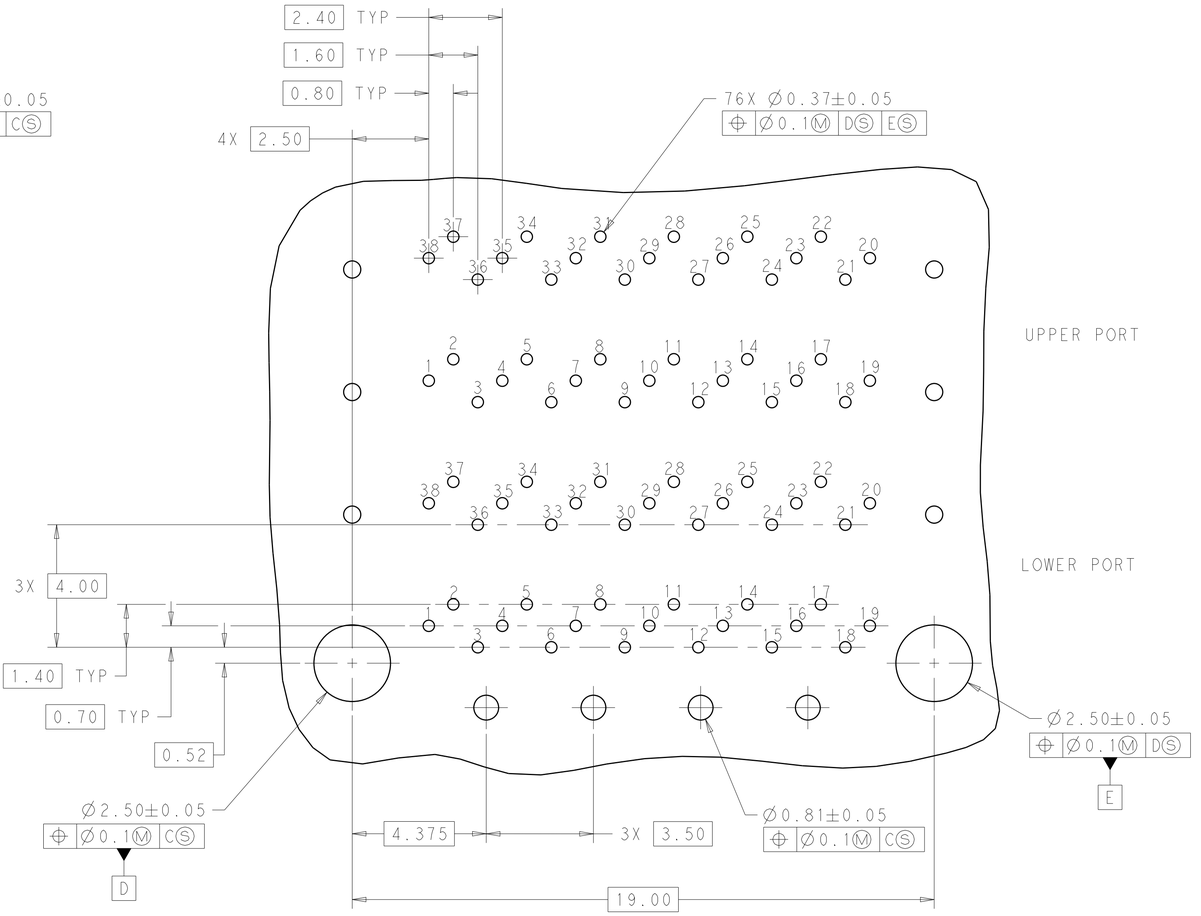
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009	DWN M.SHIRK 03AUG2012	TE Connectivity	
	CHK D.SZCZESNY 03AUG2012		
DIMENSIONS: mm	APVD -	NAME CAGE AND CONNECTOR ASSEMBLY, WITH EMI GASKET, 2X2, ZQSFP+ STACKED	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.15 3 PLC ±- 4 PLC ±- ANGLES ±-	PRODUCT SPEC 108-60102		
	APPLICATION SPEC 114-60015	SIZE A1 CAGE CODE 00779 DRAWING NO C-2227225	RESTRICTED TO -
MATERIAL - SEE NOTE 1	WEIGHT -		
FINISH - SEE NOTE 2	CUSTOMER DRAWING	SCALE 4:1 SHEET 2 OF 4	REV A

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



RECOMMENDED PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
(PCB TOLERANCE ±0.05)
SCALE 5:1



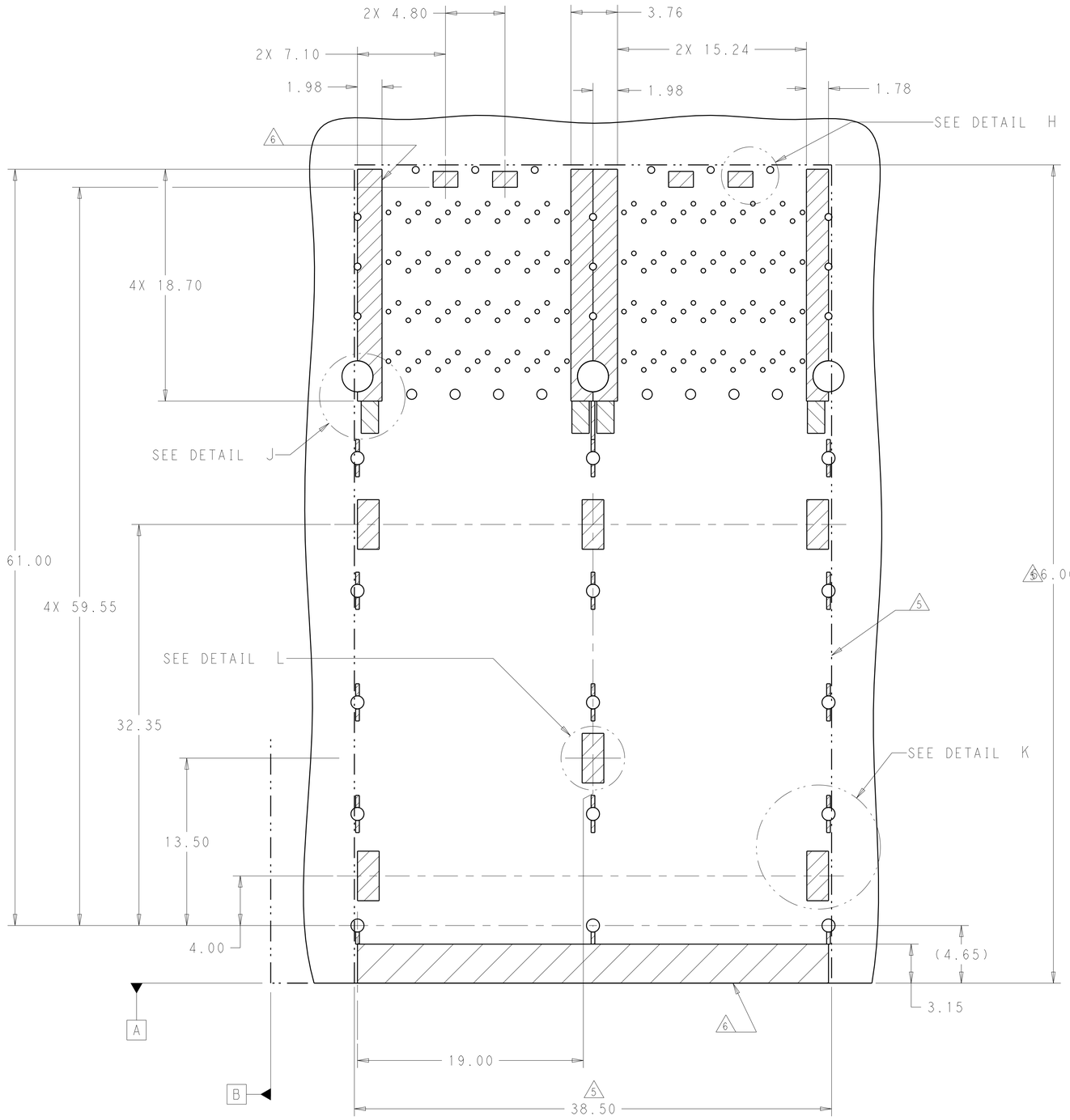
DETAIL G
2X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009	DWN M.SHIRK 03AUG2012	TE Connectivity	
DIMENSIONS: mm	CHK D.SZCZESNY 03AUG2012	NAME CAGE AND CONNECTOR ASSEMBLY, WITH EMI GASKET, 2X2, ZQSFP+ STACKED	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.15 3 PLC ±- 4 PLC ±- ANGLES ±-	APVD -	PRODUCT SPEC 108-60102	
		APPLICATION SPEC 114-60015	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-2227225 · RESTRICTED TO -
MATERIAL - SEE NOTE 1	FINISH - SEE NOTE 2	WEIGHT -	SCALE 4:1 · SHEET 3 OF 4 · REV A
		CUSTOMER DRAWING	

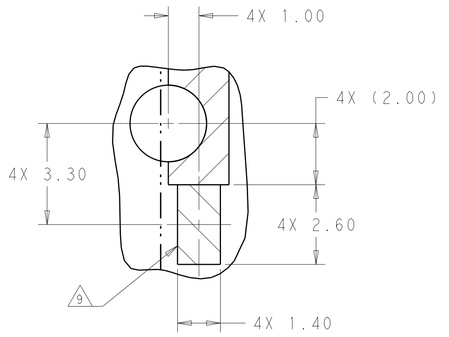
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION ALL RIGHTS RESERVED.

REVISIONS

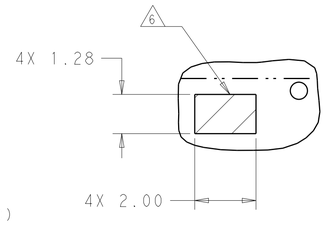
LOC	DIST	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



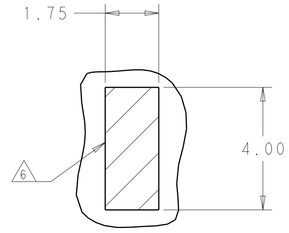
KEEPOUT AREAS
COMPONENT SIDE OF BOARD
SCALE 5:1



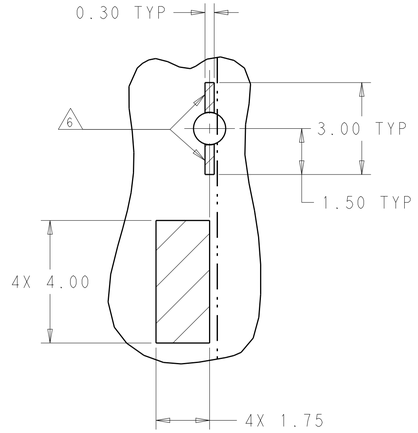
DETAIL J
LED PADS
SCALE 10:1



DETAIL H
SCALE 10:1



DETAIL L
SCALE 10:1



DETAIL K
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009	DWN M.SHIRK 03AUG2012	TE Connectivity	
DIMENSIONS: mm	CHK D.SZCZESNY 03AUG2012	NAME	CAGE AND CONNECTOR ASSEMBLY, WITH EMI GASKET, 2X2, ZQSFP+ STACKED
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.15 3 PLC ±- 4 PLC ±- ANGLES ±-	APVD -	PRODUCT SPEC 108-60102	
		APPLICATION SPEC 114-60015	SIZE A1 CAGE CODE 00779 DRAWING NO C-2227225 RESTRICTED TO -
MATERIAL - SEE NOTE 1	FINISH - SEE NOTE 2	WEIGHT -	CUSTOMER DRAWING SCALE 4:1 SHEET 4 OF 4 REV A

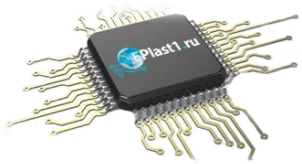
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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