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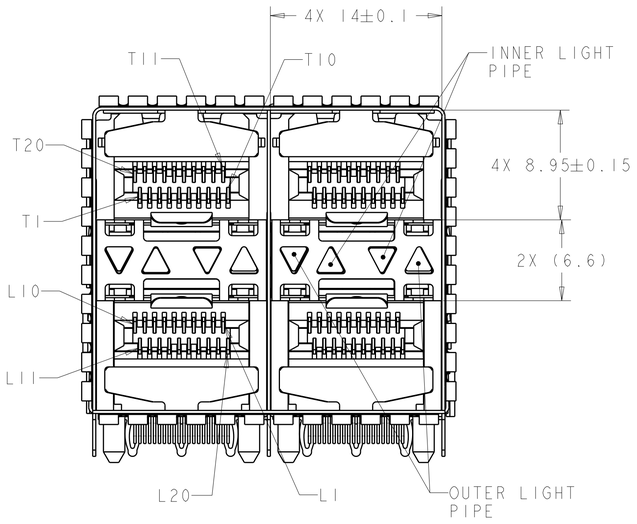
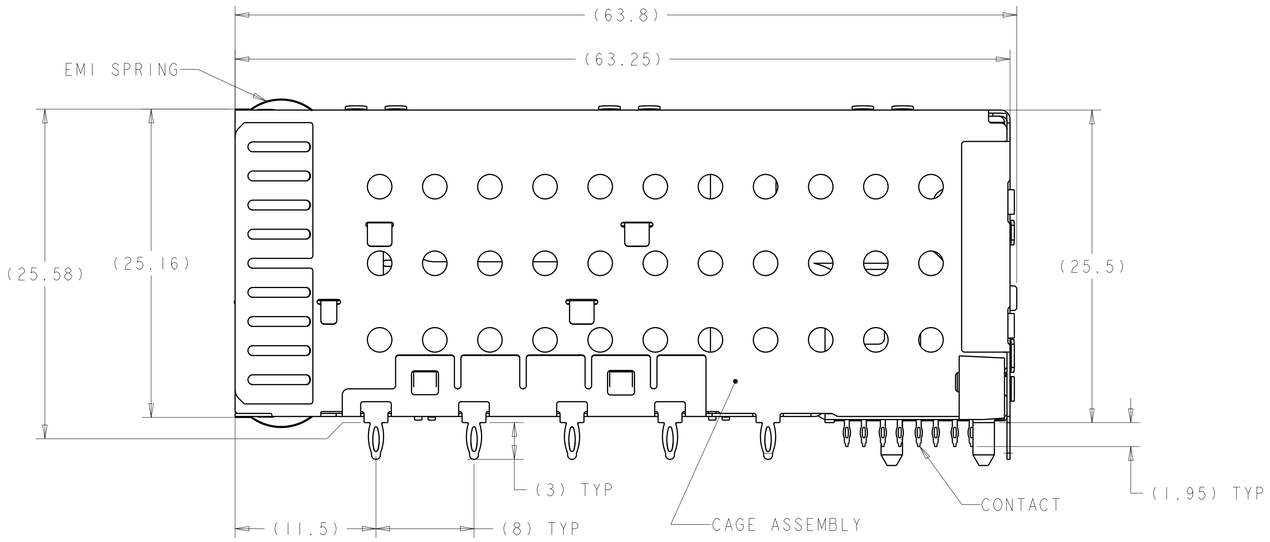
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REVISED PER ECO-11-004835	11MAR2011	RK	HMR
	C	REVISED PER ECO-11-020849	17JAN2012	CJV	PAR
	C1	REVISED PER ECO-13-003678	05APR2013	CJV	PAR
	D	REVISED PER ECO-15-017922	04FEB2016	AP	PR



2007637-5 AS SHOWN



⚠1 MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY.
HOUSING- BLACK LCP, UL 94V-0 RATED.
CHICKLET- BLACK LCP, UL 94V-0 RATED.
LIGHT PIPE- POLYCARBONATE, CLEAR.
INSERT - LCP, BLACK, UL 94V-0.
CONTACT- COPPER ALLOY.

⚠2 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

3. MINIMUM PCB THICKNESS OF 1.5.

⚠4 CONTACT FINISH- CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPECIFICATION 108-2331, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN-LEAD ON NEEDLE EYE.

⚠5 CONTACT FINISH- CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPECIFICATION 108-2331, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE.

⚠6 FOR HOLE SIZE AND PLATINGS, SEE APPLICATION SPEC 114-13219.

⚠7 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY. TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN.

⚠8 LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm.

⚠9 EMI SPRING FINISH: 0.8µm MINIMUM MATTE TIN OVER 0.8µm MINIMUM NICKEL, NONPLATED EDGES PERMISSIBLE.

⚠10 ADDITIONAL COMPONENT LOCATED WITHIN LATCH PLATE FOR EMI SUPPRESSION.

SUPERSEDED	ENHANCED EMI	FINISH	DESCRIPTION	PART NUMBER
	YES ⚠10	⚠5	NO LIGHT PIPES	1-2007637-8
			OUTER 2 LIGHT PIPES	1-2007637-7
			INNER 2 LIGHT PIPES	1-2007637-6
			4 LIGHT PIPES	1-2007637-5
	NO	⚠5	NO LIGHT PIPES	2007637-8
			OUTER 2 LIGHT PIPES	2007637-7
			INNER 2 LIGHT PIPES	2007637-6
			4 LIGHT PIPES	2007637-5
	NO	⚠4	NO LIGHT PIPES	2007637-4
			OUTER 2 LIGHT PIPES	2007637-3
			INNER 2 LIGHT PIPES	2007637-2
			4 LIGHT PIPES	2007637-1

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

DWN M SHIRK 23JAN2008
CHK D SZCZESNY 23JAN2008
APVD D SZCZESNY 23JAN2008
PRODUCT SPEC 108-2331
APPLICATION SPEC 114-13219
WEIGHT -

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.10
1 PLC ±0.10
2 PLC ±0.10
3 PLC ±0.10
4 PLC ±
ANGLES ±

MATERIAL ⚠1
FINISH 4 5 9

TE Connectivity

NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X2, STACKED SFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007637	-

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

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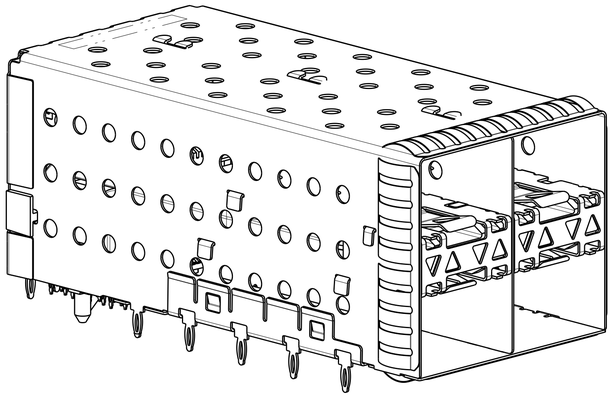
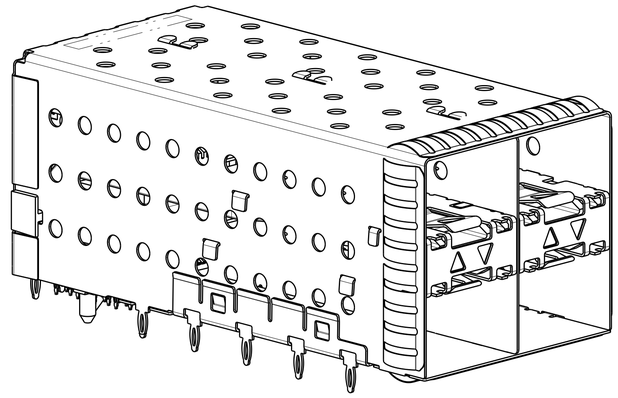
LOC	DIST
GP	00

REVISIONS

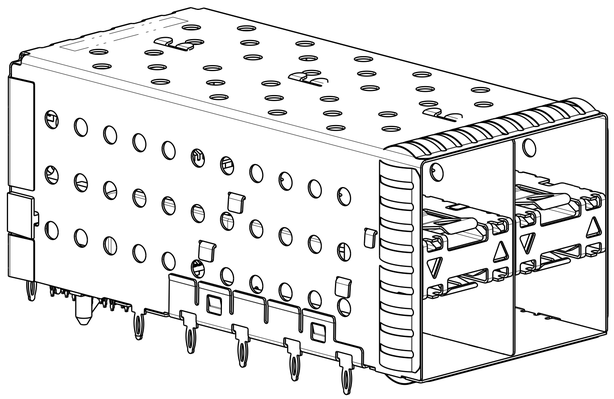
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



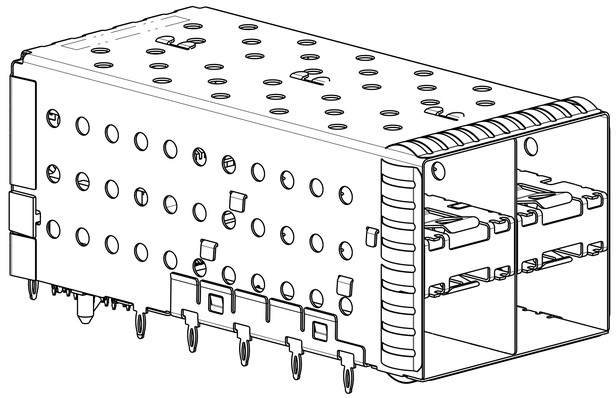
2007637-5 AND 1-2007637-5
SCALE 3:1



2007637-6 AND 1-2007637-6
SCALE 3:1



2007637-7 AND 1-2007637-7
SCALE 3:1



2007637-8 AND 1-2007637-8
SCALE 3:1

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.10
1 PLC ±0.10
2 PLC ±0.10
3 PLC ±0.10
4 PLC ±.
ANGLES ±.

MATERIAL

FINISH

DWN M SHIRK 23JAN2008
CHK D SZCZESNY 23JAN2008
APVD D SZCZESNY 23JAN2008

TE Connectivity

NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X2, STACKED SFP+

PRODUCT SPEC 108-2331

APPLICATION SPEC 114-13219

WEIGHT -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007637	-

CUSTOMER DRAWING

SCALE 4:1 SHEET 2 OF 4 REV D

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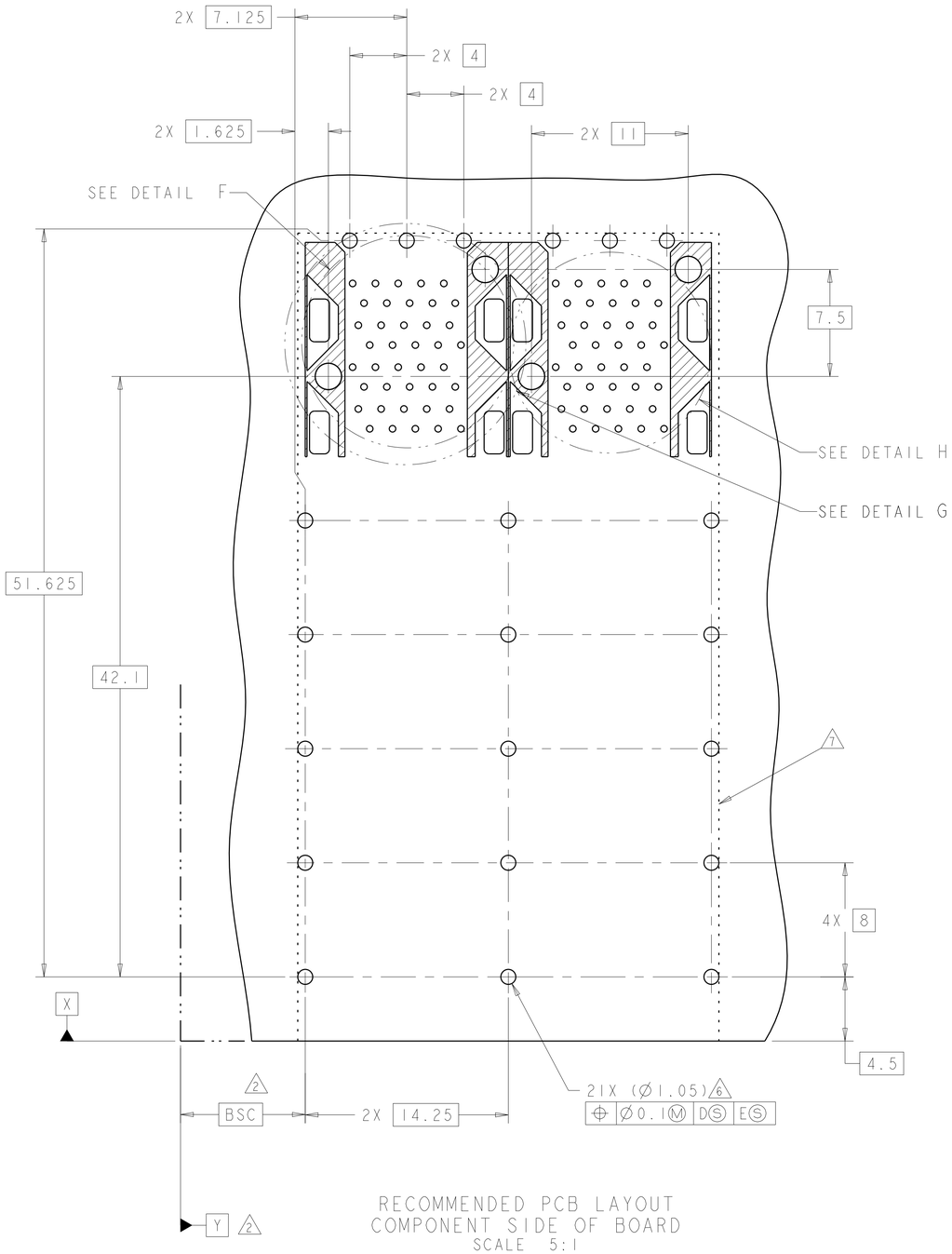
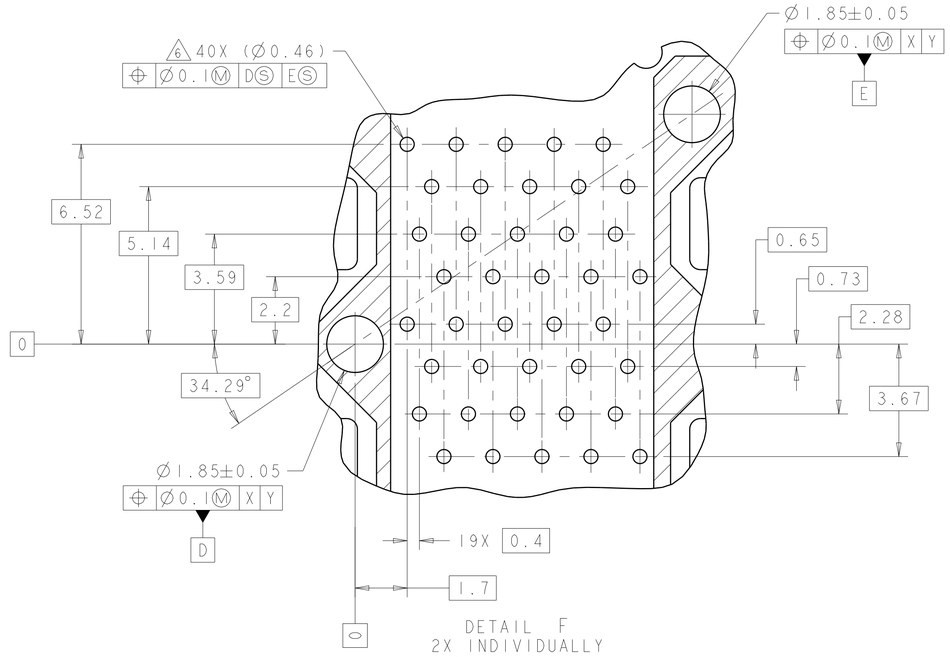
LOC	DIST
GP	00

REVISIONS

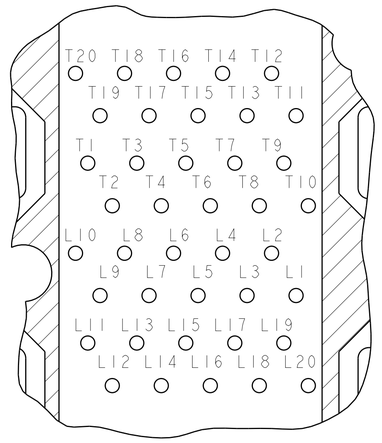
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD
SCALE 5:1



DETAIL F
2X INDIVIDUALLY
SCALE 10:1



DETAIL H
CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD
2X INDIVIDUALLY
SCALE 10:1

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

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.10
1 PLC ±0.10
2 PLC ±0.10
3 PLC ±0.10
4 PLC ±-
ANGLES ±-

MATERIAL
FINISH

DWN	M.SHIRK 23JAN2008
CHK	D.SZCZESNY 23JAN2008
APVD	D.SZCZESNY 23JAN2008
PRODUCT SPEC	108-2331
APPLICATION SPEC	114-13219
WEIGHT	-

TE Connectivity

NAME: CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X2, STACKED SFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007637	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 3 OF 4 | REV D

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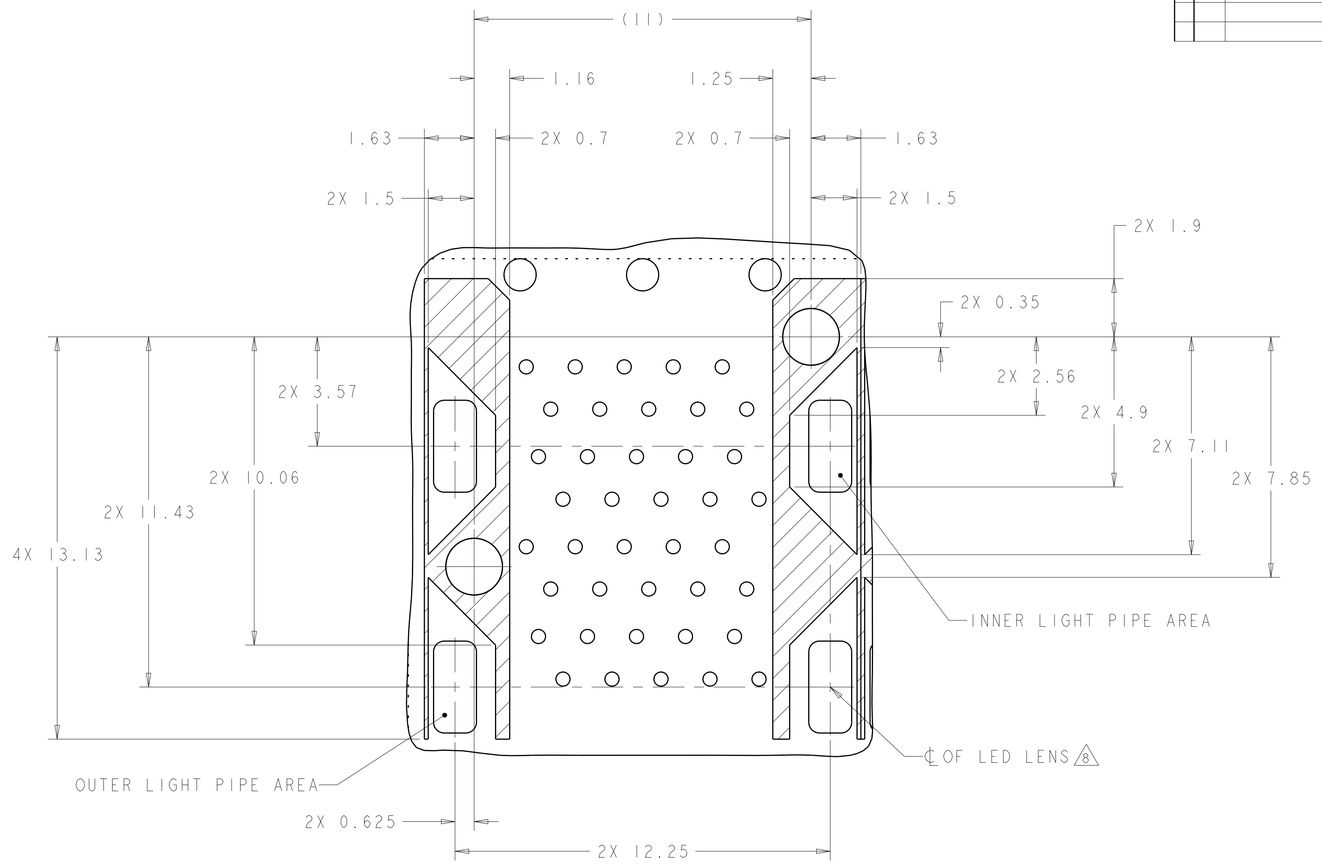
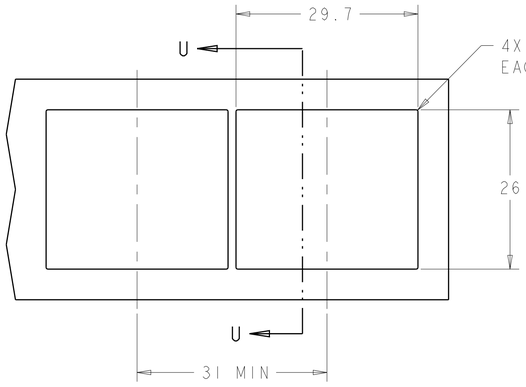
LOC	DIST
GP	00

REVISIONS

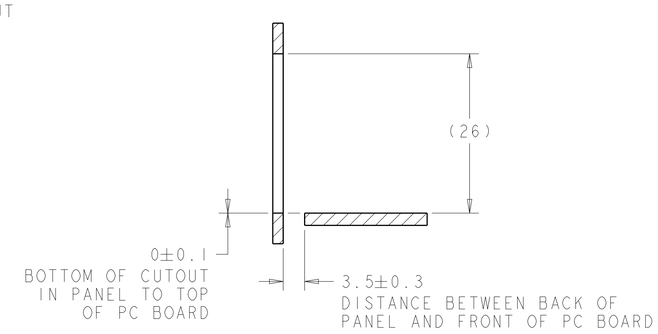
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



DETAIL G
CONNECTOR HOUSING
KEEPOUT ZONE
2X INDIVIDUALLY
SCALE 10:1



RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL POSITION
SCALE 2:1



SECTION U-U

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.10
1 PLC ±0.10
2 PLC ±0.10
3 PLC ±0.10
4 PLC ±-
ANGLES ±-

MATERIAL

FINISH

DWN M.SHIRK 23JAN2008
CHK D.SZCZESNY 23JAN2008
APVD D.SZCZESNY 23JAN2008
PRODUCT SPEC 108-2331
APPLICATION SPEC 114-13219
WEIGHT -

TE Connectivity

NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X2, STACKED SFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007637	-

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

4805 (3/11)

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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http://moschip.ru/get-element

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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.

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