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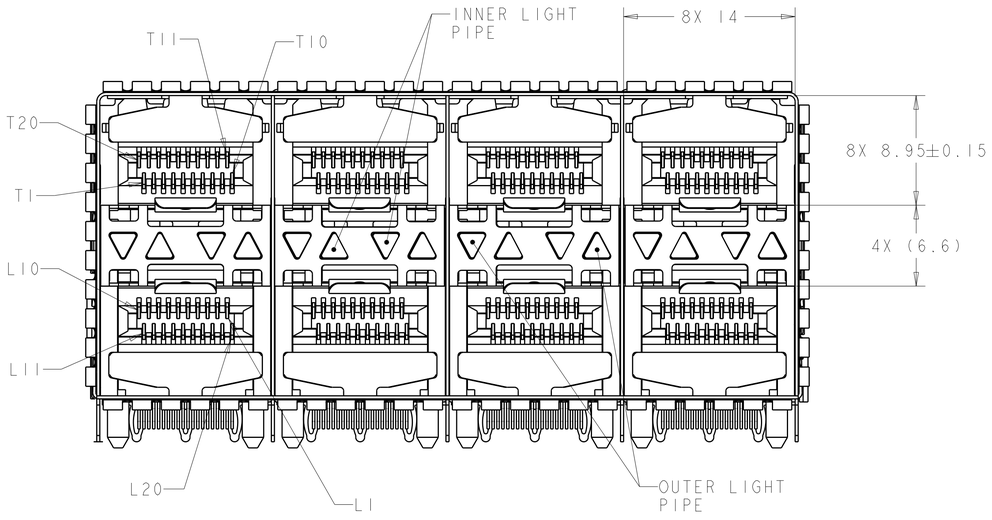
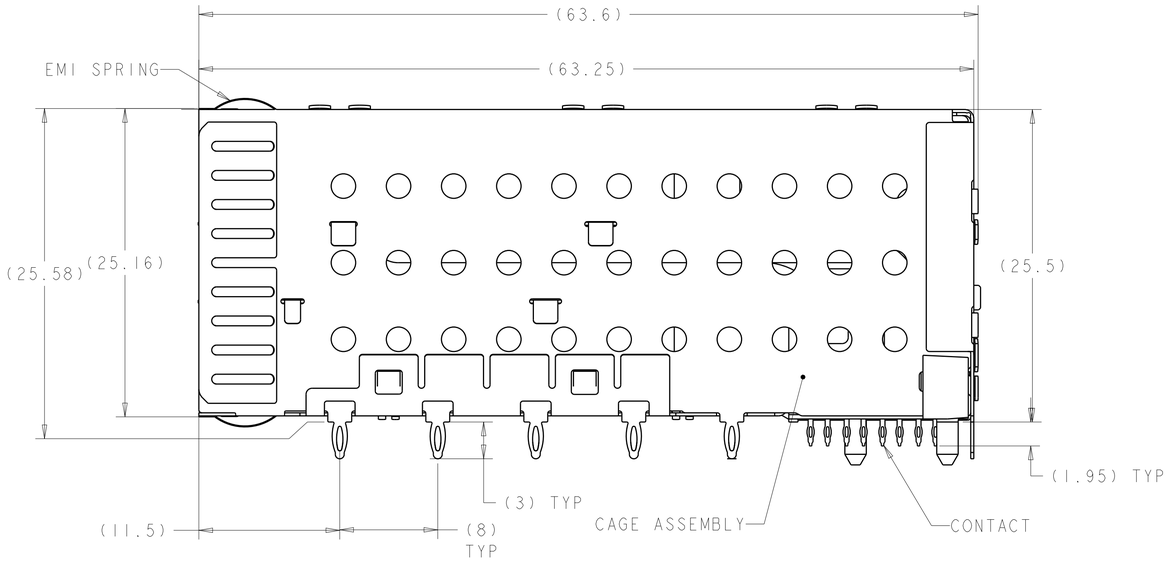
LOC	DIST
GP	00

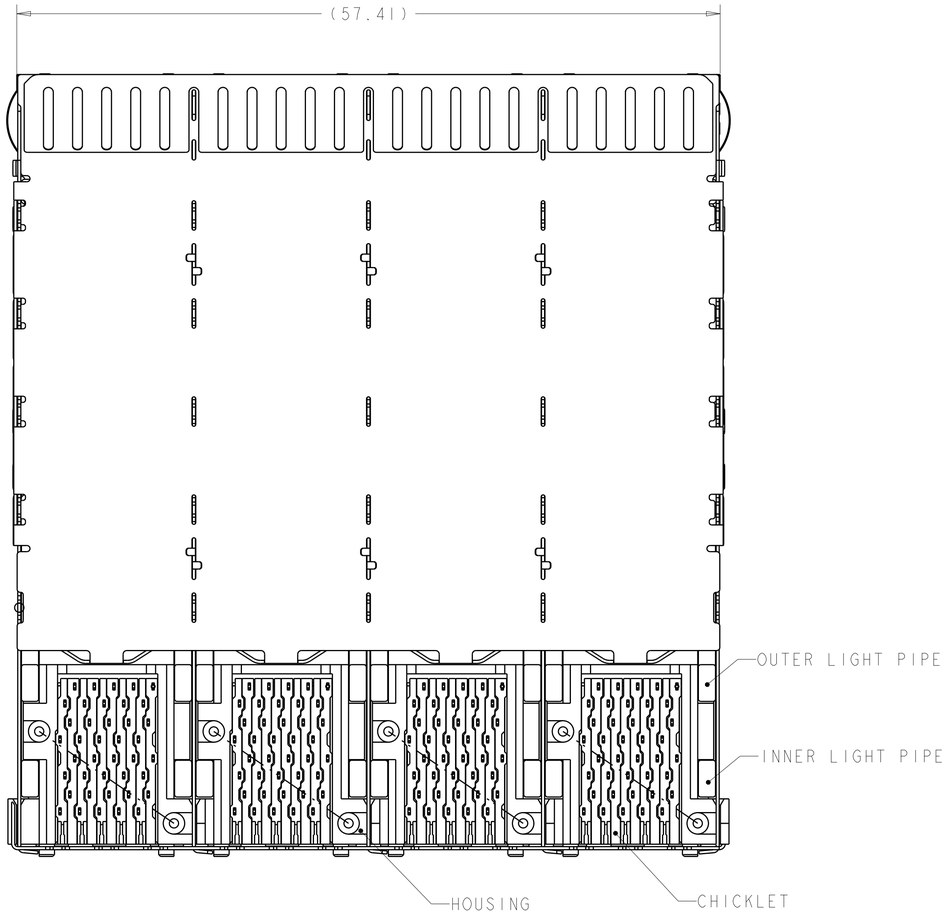
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	REVISED PER ECO-15-017919	06APR2016	AP	RP



2007394-5 AS SHOWN





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

ENHANCED EMI	FINISH	DESCRIPTION	PART NUMBER
YES △10	△5	NO LIGHT PIPES	1-2007394-8
		OUTER 2 LIGHT PIPES	1-2007394-7
		INNER 2 LIGHT PIPES	1-2007394-6
		4 LIGHT PIPES	1-2007394-5
NO	△5	NO LIGHT PIPES	2007394-8
		OUTER 2 LIGHT PIPES	2007394-7
		INNER 2 LIGHT PIPES	2007394-6
		4 LIGHT PIPES	2007394-5
NO	△4	NO LIGHT PIPES	2007394-4
		OUTER 2 LIGHT PIPES	2007394-3
		INNER 2 LIGHT PIPES	2007394-2
		4 LIGHT PIPES	2007394-1

SUPERSEDED

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 △1

FINISH 4 5 9

DWN M.SHIRK 10OCT2007
CHK D.SZCZESNY 10OCT2007
APVD D.SZCZESNY 10OCT2007
PRODUCT SPEC 108-2331
APPLICATION SPEC 114-13219
WEIGHT -

TE Connectivity

NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X4, STACKED SFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007394	-

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

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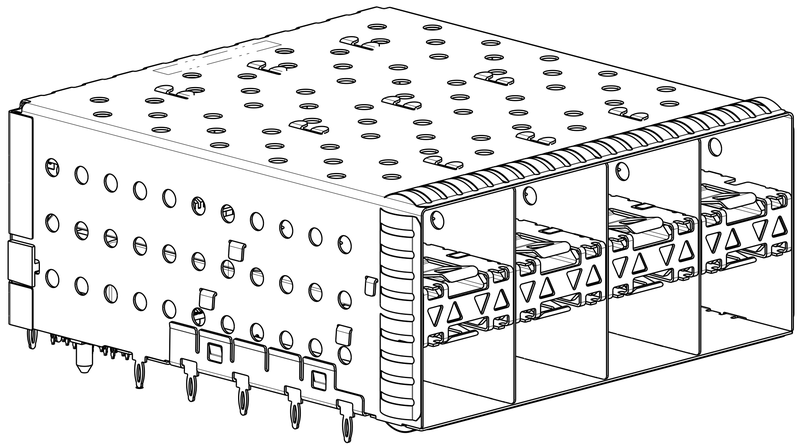
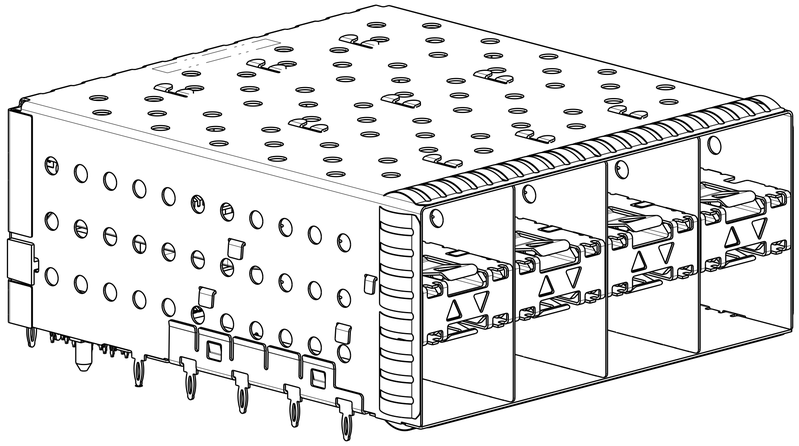
LOC	DIST

REVISIONS

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



2007394-5 AND 1-2007394-5
SCALE 3:1



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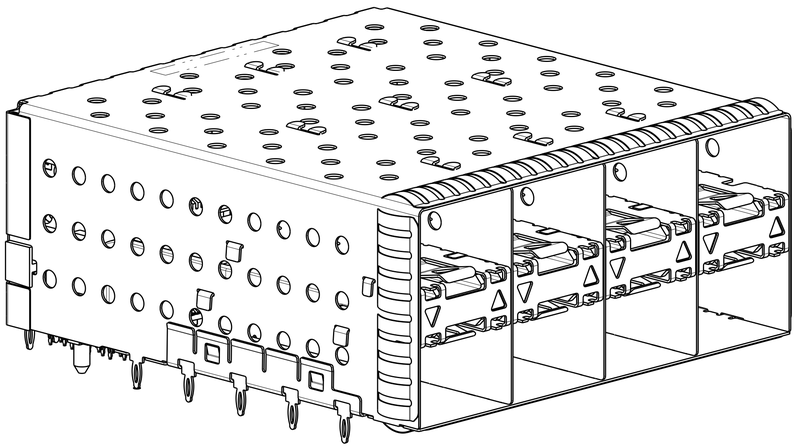
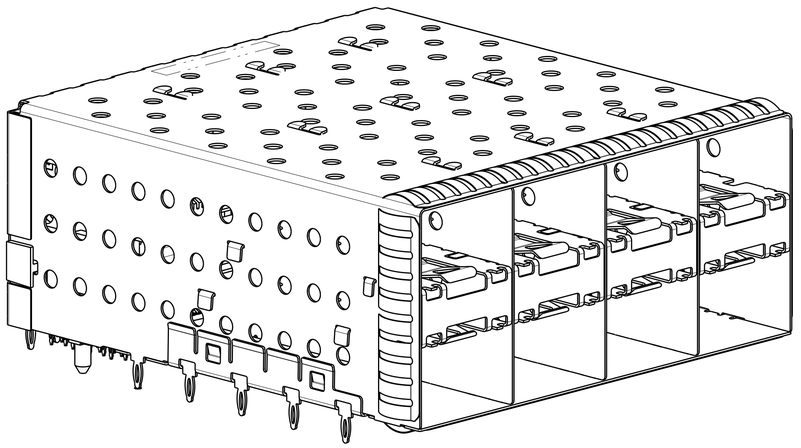
SCALE 3:1



2007394-7 AND 1-2007394-7
SCALE 3:1



2007394-8 AND 1-2007394-8
SCALE 3:1

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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 ±0.10
ANGLES ±

MATERIAL

FINISH

DWN M SHIRK 10OCT2007
CHK D SZCZESNY 10OCT2007
APVD D SZCZESNY 10OCT2007

PRODUCT SPEC 108-2331
APPLICATION SPEC 114-13219
WEIGHT -

TE Connectivity

NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X4, STACKED SFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007394	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 4 | REV D

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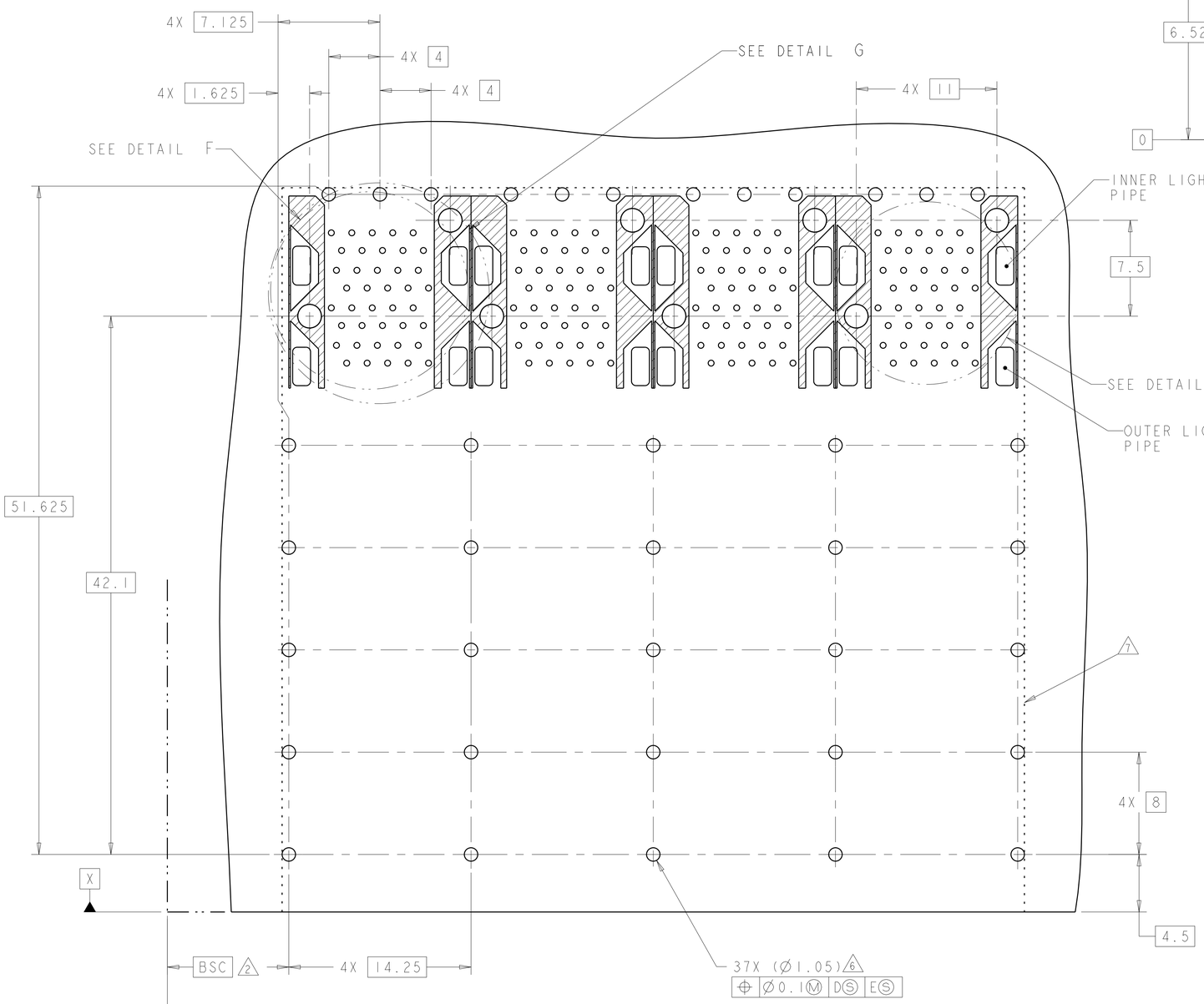
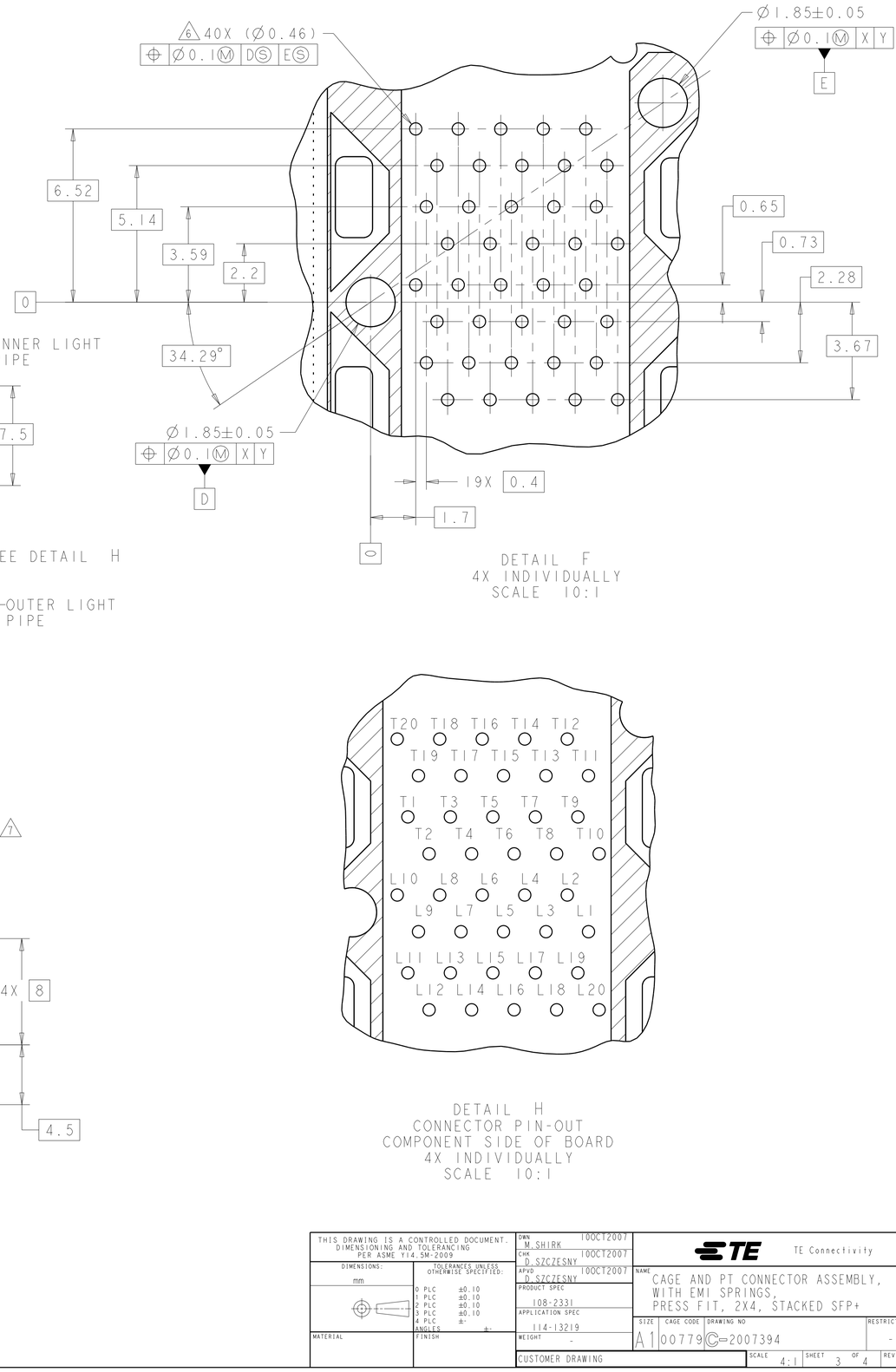
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD
SCALE 5:1



DETAIL F
4X INDIVIDUALLY
SCALE 10:1

DETAIL H
CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD
4X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M SHIRK 10OCT2007	TE Connectivity
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 ±	CHK D SZCZESNY 10OCT2007	NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X4, STACKED SFP+
		APVD D SZCZESNY 10OCT2007	
		PRODUCT SPEC 108-2331	
		APPLICATION SPEC 114-13219	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-2007394 / RESTRICTED TO -
MATERIAL	FINISH	WEIGHT -	
		CUSTOMER DRAWING	SCALE 4:1 / SHEET 3 OF 4 / REV D

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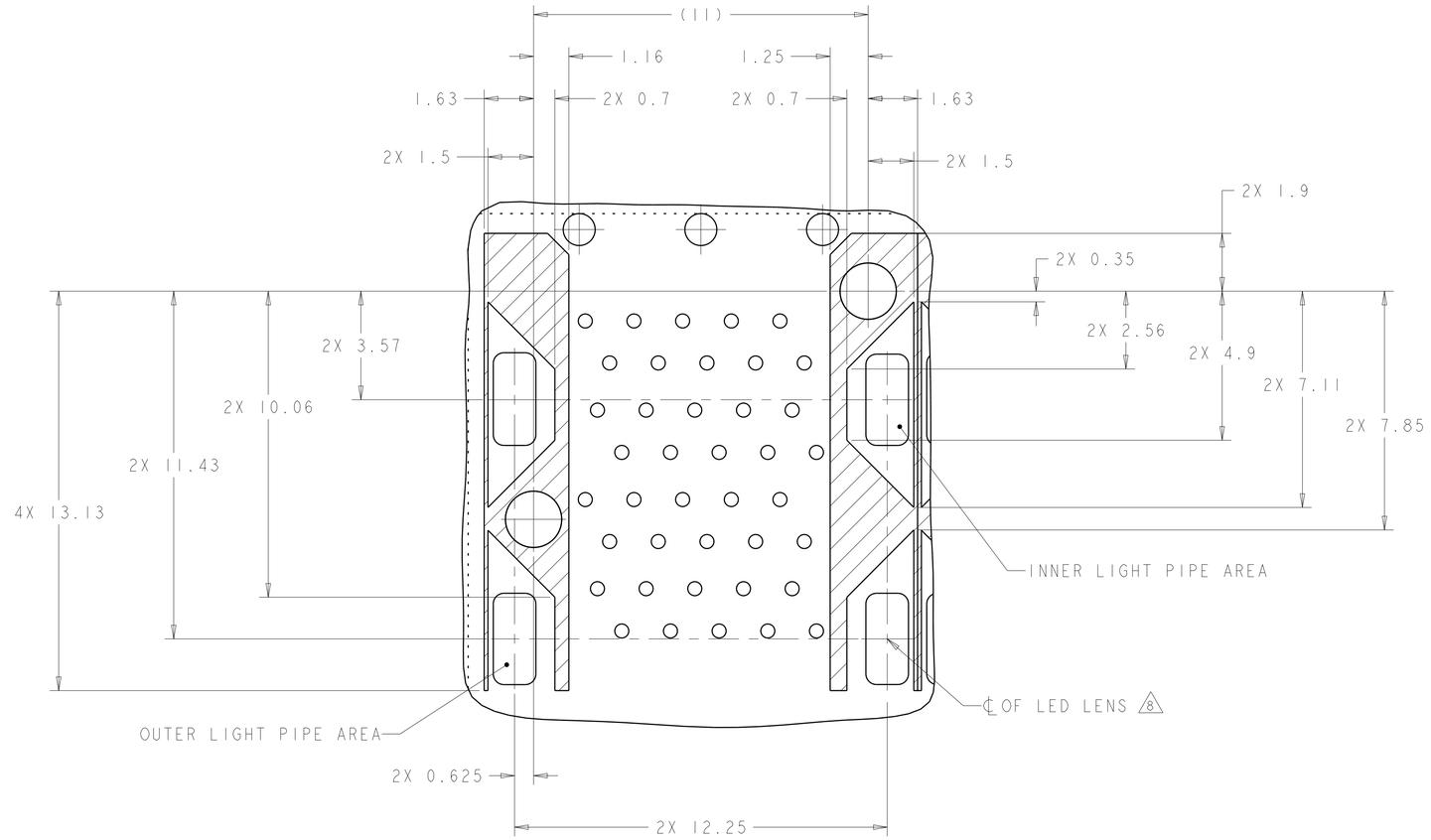
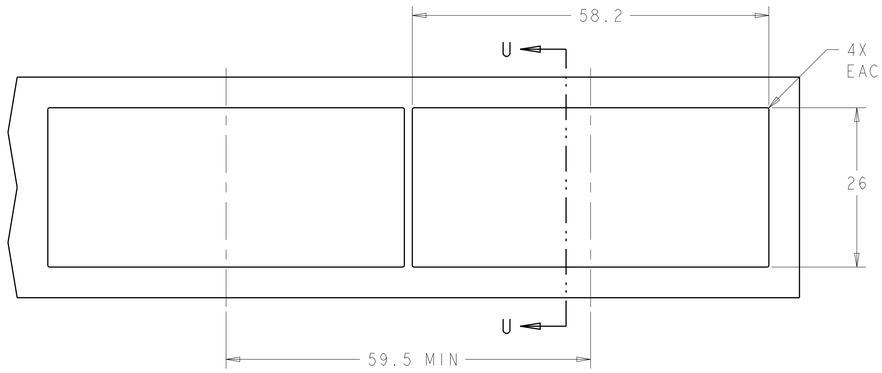
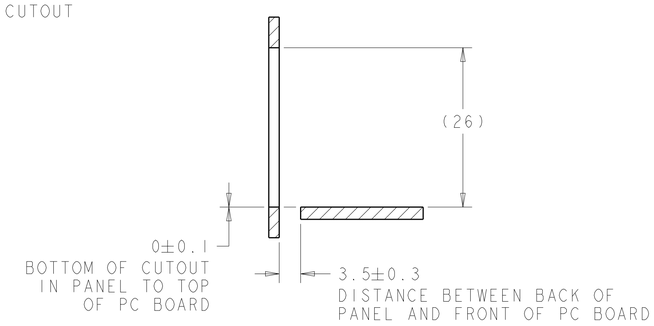
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



DETAIL G
CONNECTOR HOUSING
KEEPOUT ZONE
4X INDIVIDUALLY
SCALE 10:1



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



SECTION U-U

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 10OCT2007
CHK D.SZCZESNY 10OCT2007
APVD D.SZCZESNY 10OCT2007
PRODUCT SPEC 108-2331
APPLICATION SPEC 114-13219
WEIGHT -

TE Connectivity

NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X4, STACKED SFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007394	-

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

4805 (3/11)

Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

1-2007394-8