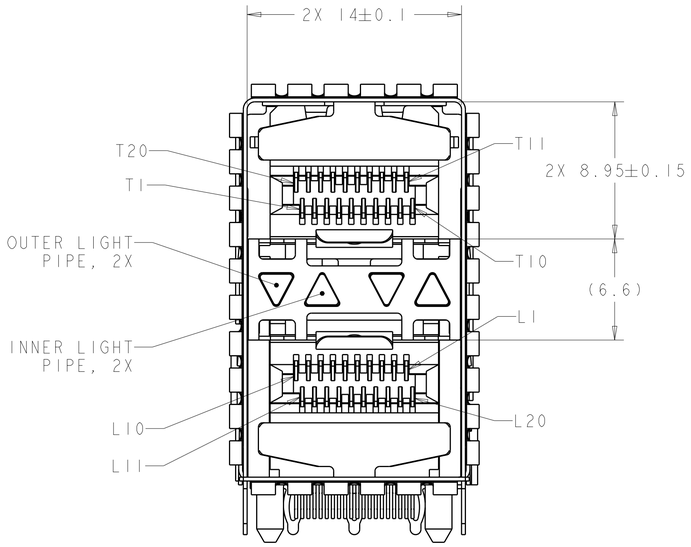
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

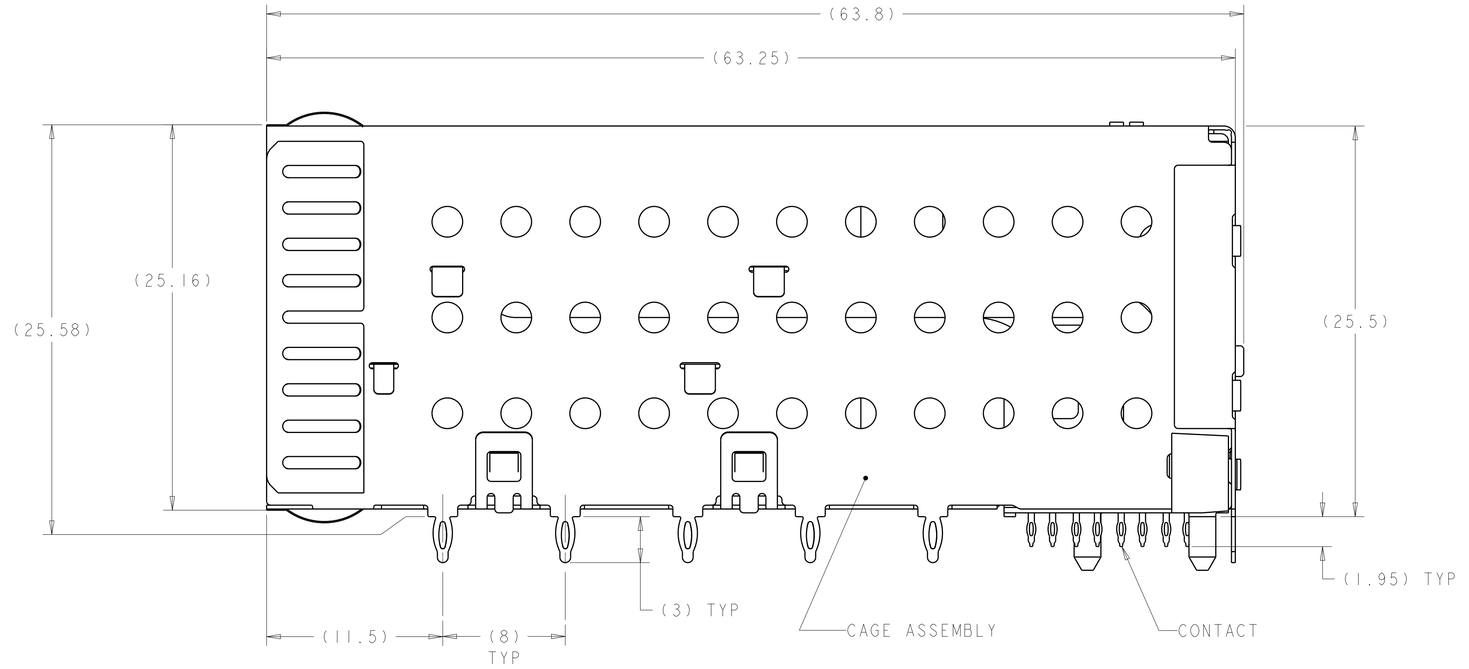
LOC	DIST
GP	00

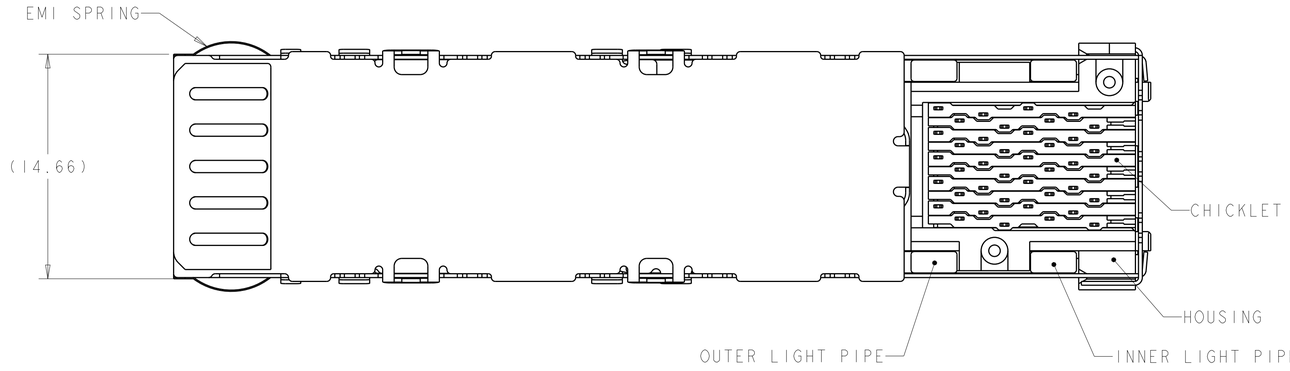
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REVISED PER ECO-11-004835	11MAR2011	RK	HMR
	C	REVISED PER ECO-11-020849	11JAN2011	CJV	PAR
	C1	REVISED PER ECO-13-003678	09APR2013	CJV	PAR



2007492-1 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- PBT, 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.

ENHANCED EMI	FINISH	DESCRIPTION	PART NUMBER
YES 10	5	NO LIGHT PIPES	1-2007462-8
		OUTER 2 LIGHT PIPES	1-2007492-7
		INNER 2 LIGHT PIPES	1-2007492-6
		4 LIGHT PIPES	1-2007492-5
NO	5	NO LIGHT PIPES	2007492-8
		OUTER 2 LIGHT PIPES	2007492-7
		INNER 2 LIGHT PIPES	2007492-6
		4 LIGHT PIPES	2007492-5
NO	4	NO LIGHT PIPES	2007492-4
		OUTER 2 LIGHT PIPES	2007492-3
		INNER 2 LIGHT PIPES	2007492-2
		4 LIGHT PIPES	2007492-1

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 1

FINISH 4 5 9

DWN M SHIRK 30NOV2007
CHK D SZCZESNY 30NOV2007
APVD D SZCZESNY 30NOV2007
PRODUCT SPEC 108-2331
APPLICATION SPEC 114-13219
WEIGHT -

TE Connectivity

NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X1, STACKED SFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007492	-

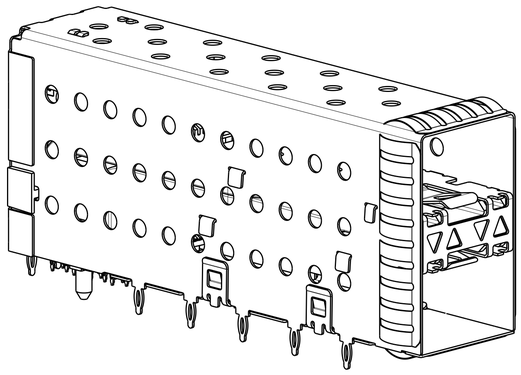
CUSTOMER DRAWING SCALE 5:1 SHEET 1 OF 4 REV C1

THIS DRAWING IS UNPUBLISHED.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

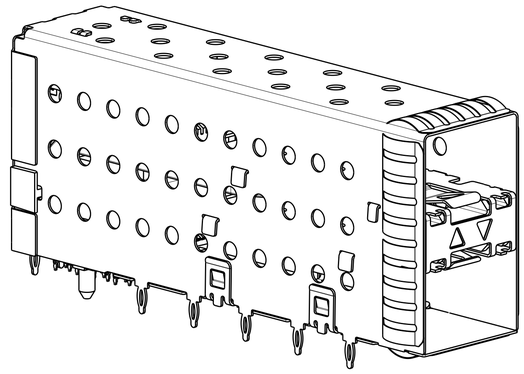
LOC	DIST
GP	00

REVISIONS

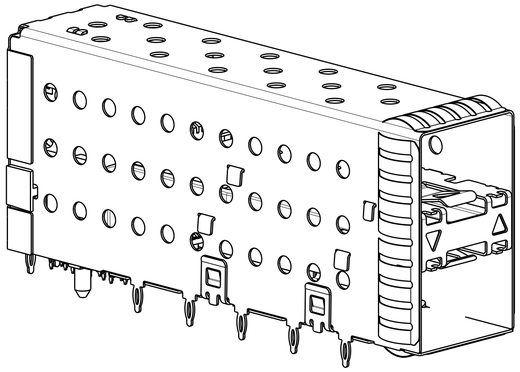
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



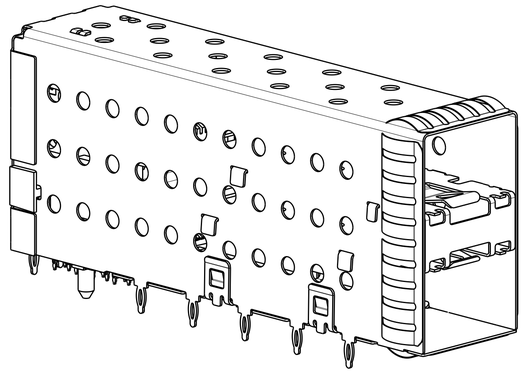
2007492-1, 2007492-5 AND 1-2007492-5
SCALE 3:1



2007492-2, 2007492-6 AND 1-2007492-6
SCALE 3:1



2007492-3, 2007492-7 AND 1-2007492-7
SCALE 3:1



2007492-4, 2007492-8 AND 1-2007492-8
SCALE 3:1

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 30NOV2007
CHK D SZCZESNY 30NOV2007
APVD D SZCZESNY 30NOV2007

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

TE Connectivity

NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X1, STACKED SFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007492	-

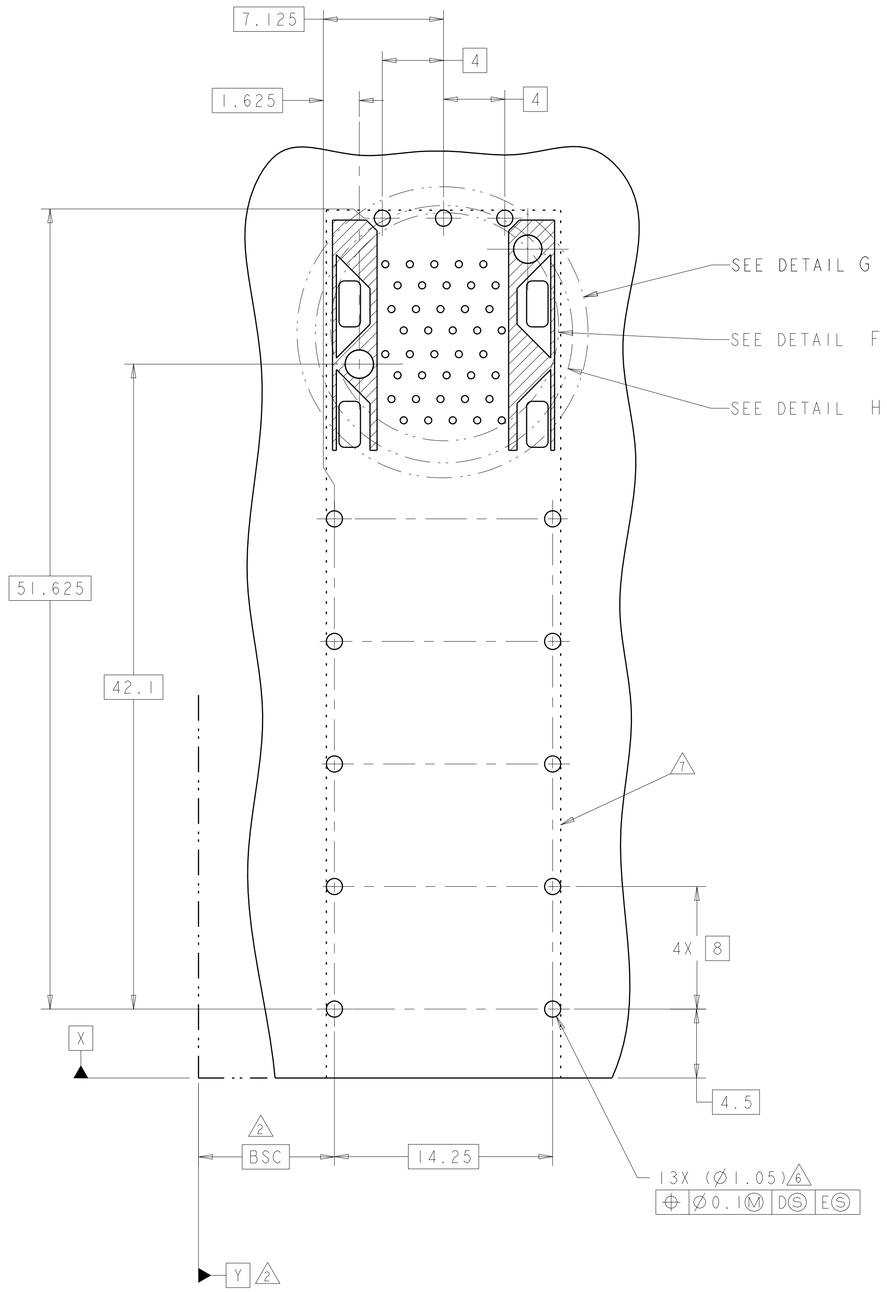
CUSTOMER DRAWING | SCALE 5:1 | SHEET 2 OF 4 | REV C1

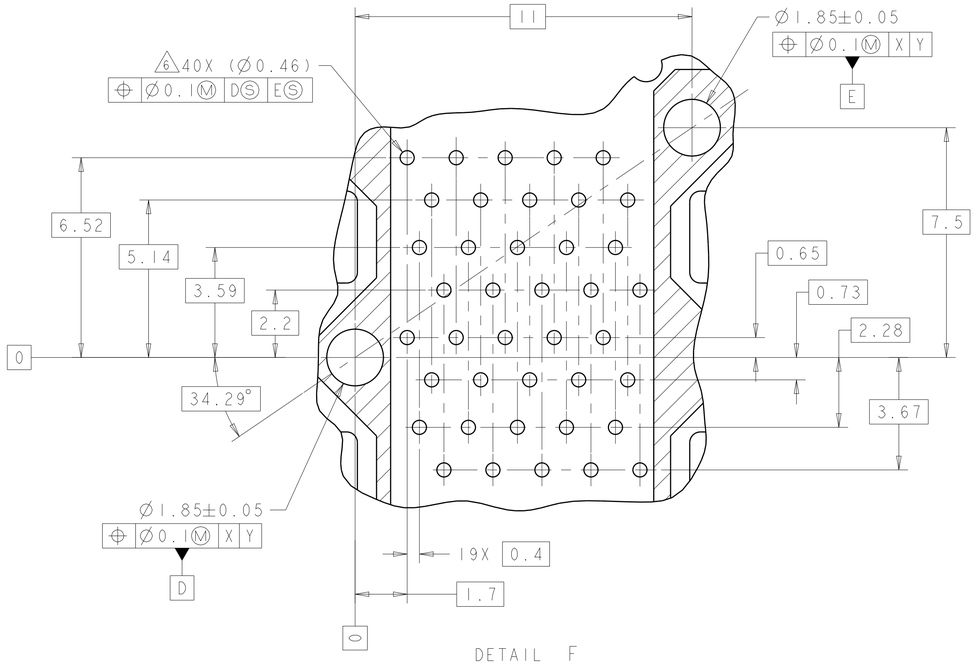
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC	DIST
GP	00

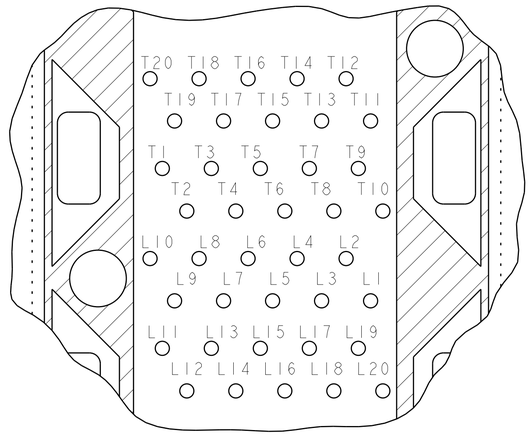
REVISIONS

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





DETAIL F
SCALE 10:1



DETAIL H
CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD
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
WEIGHT -

DWN M.SHIRK	30NOV2007
CHK D.SZCZESNY	30NOV2007
APVD D.SZCZESNY	30NOV2007
PRODUCT SPEC	108-2331
APPLICATION SPEC	114-13219

TE Connectivity

NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X1, STACKED SFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007492	-

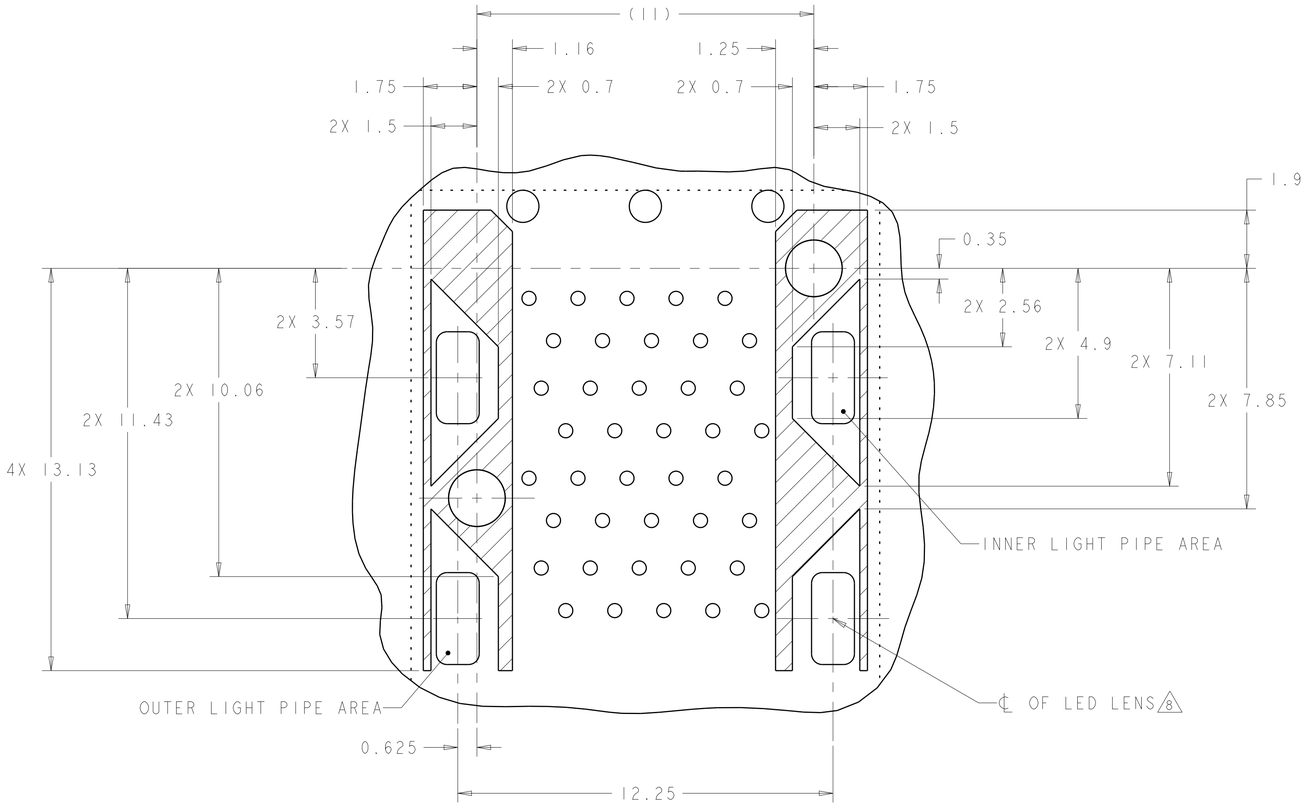
CUSTOMER DRAWING | SCALE 5:1 | SHEET 3 OF 4 | REV C1

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

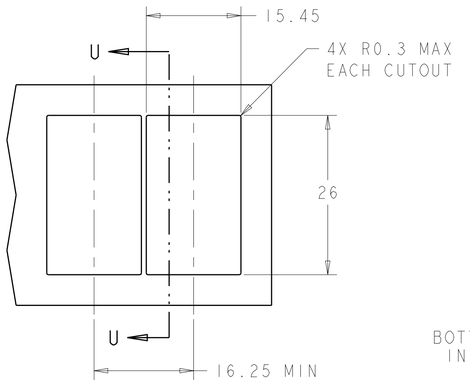
LOC	DIST
GP	00

REVISIONS

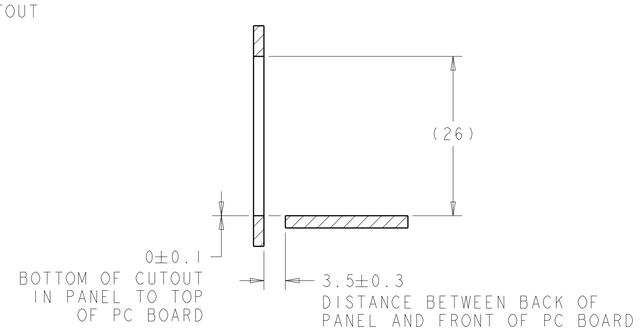
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



DETAIL G
CONNECTOR HOUSING
KEEPOUT ZONE
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 30NOV2007
CHK D.SZCZESNY 30NOV2007
APVD D.SZCZESNY 30NOV2007

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

TE Connectivity

NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X1, STACKED SFP+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2007492	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 4 OF 4 | REV C1