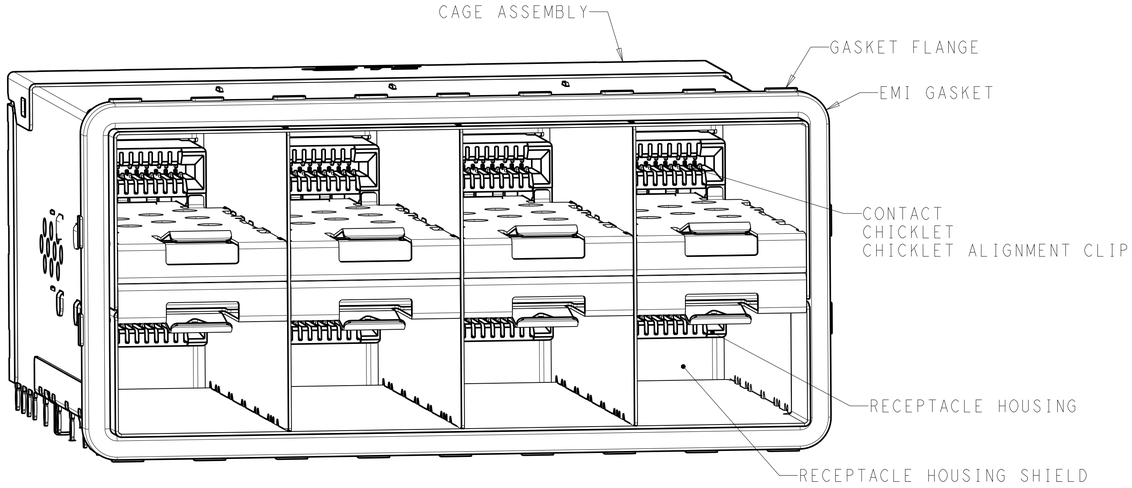
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

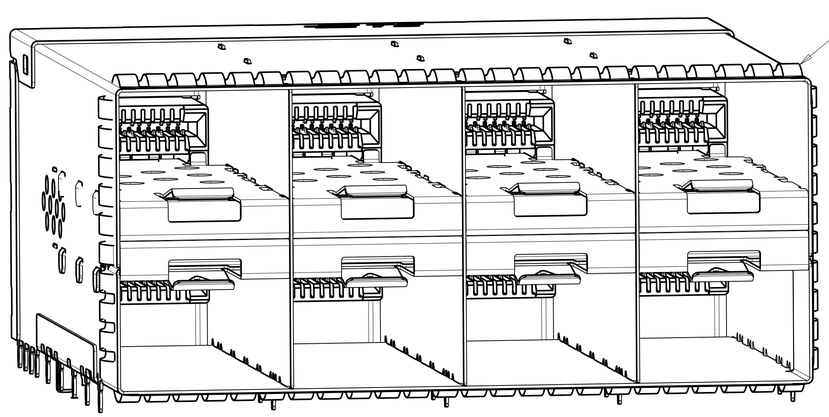
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO-14-008758	12JUN2014	CJV	PAR



2180324-1
SCALE 4:1



2180324-5
SCALE 4:1

1. MATERIALS:
   CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
   CONNECTOR HOUSING - LCP, BLACK, UL 94V-0 RATED
   CONNECTOR HOUSING SHIELD - COPPER ALLOY
   CHICKLET - LCP, BLACK, UL 94V-0 RATED
   CHICKLET ALIGNMENT CLIP - PBT
   CONTACT - COPPER ALLOY
   EMI GASKET - ELASTOMERIC
   GASKET FLANGE - STAINLESS STEEL
   EMI SPRINGS - PHOSPHOR BRONZE PER ASTM B 103,
   0.8µm MIN TIN PER ASTM B 545
   LIGHT PIPE - POLYCARBONATE
   LIGHT PIPE HOUSING - ZINC ALLOY

2. CONTACT FINISH:
   CONFORMS TO THE REQUIREMENTS OF PRODUCT SPECIFICATION 108-2481, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE

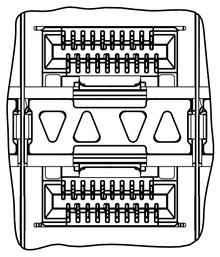
3. PCB MINIMUM THICKNESS = 1.5mm

△4 FOR HOLE SIZE AND PLATINGS, SEE APPLICATION SPECIFICATION 114-13319

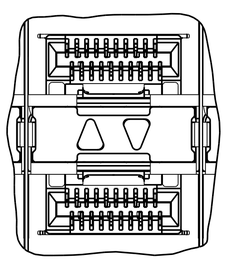
△5 LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm

△6 DIMENSIONS APPLY FOR EMI SPRINGS ONLY

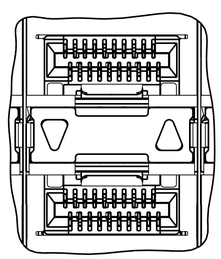
△7 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN



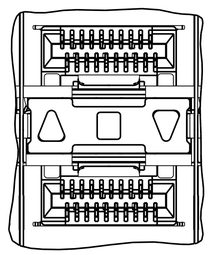
INNER/OUTER LIGHT PIPES
2180324-2, 2180324-6
SCALE 4:1



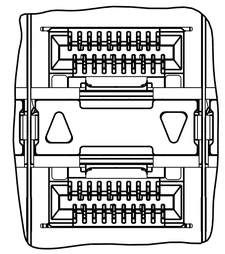
INNER LIGHT PIPES
2180324-3, 2180324-7
SCALE 4:1



OUTER LIGHT PIPES
2180324-4, 2180324-8
SCALE 4:1



CENTER/REVERSED OUTER
1-2180324-7, 1-2180324-9
SCALE 4:1



REVERSED OUTER LIGHT PIPES
1-2180324-8, 2-2180324-0
SCALE 4:1

59.5	EMI SPRINGS	REVERSED OUTER	2-2180324-0
		CENTER/REVERSED OUTER	1-2180324-9
62.25	EMI GASKET	REVERSED OUTER	1-2180324-8
		CENTER/REVERSED OUTER	1-2180324-7
59.5	EMI SPRINGS	OUTER	2180324-8
		INNER	2180324-7
		INNER/OUTER	2180324-6
		NONE	2180324-5
62.25	EMI GASKET	OUTER	2180324-4
		INNER	2180324-3
		INNER/OUTER	2180324-2
		NONE	2180324-1
(E)	CAGE TYPE	LIGHT PIPE CONFIGURATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL SEE NOTES
FINISH SEE NOTES

DWN M.E. COWHER 14SEP2011
CHK M.D. MORRISON 16SEP2011
APVD M.D. MORRISON 25OCT2011

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+
-

PRODUCT SPEC 108-2431
APPLICATION SPEC 114-13319
WEIGHT -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2180324	-

CUSTOMER DRAWING

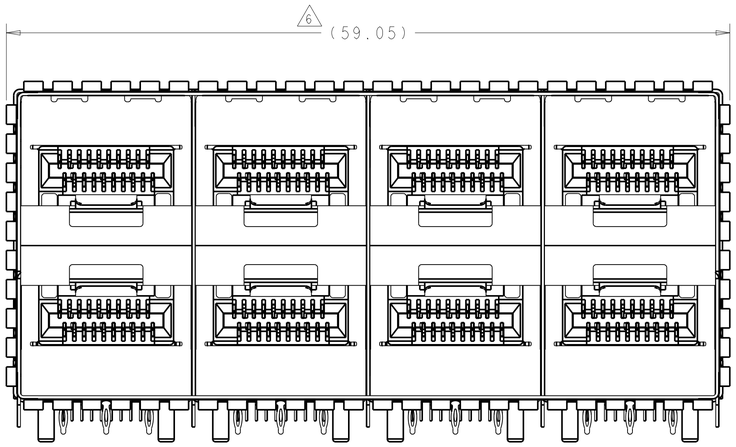
SCALE	SHEET	OF	REV
4:1	1	5	A

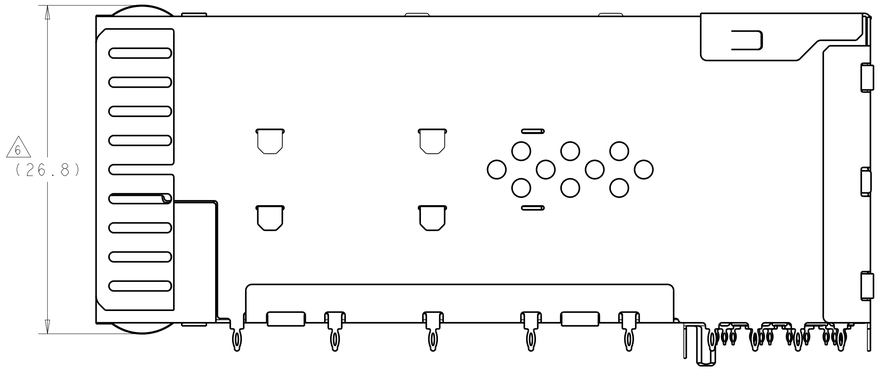
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC	DIST
GP	00

REVISIONS

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





2180324-5 THRU 2180324-8, 1-2180324-9, 2-2180324-0
EMI SPRINGS ONLY
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL SEE NOTES

FINISH SEE NOTES

DWN M.E. COWHER 14SEP2011
CHK M.D. MORRISON 16SEP2011
APVD M.D. MORRISON 25OCT2011

PRODUCT SPEC 108-2431
APPLICATION SPEC 114-13319
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2180324	-

CUSTOMER DRAWING

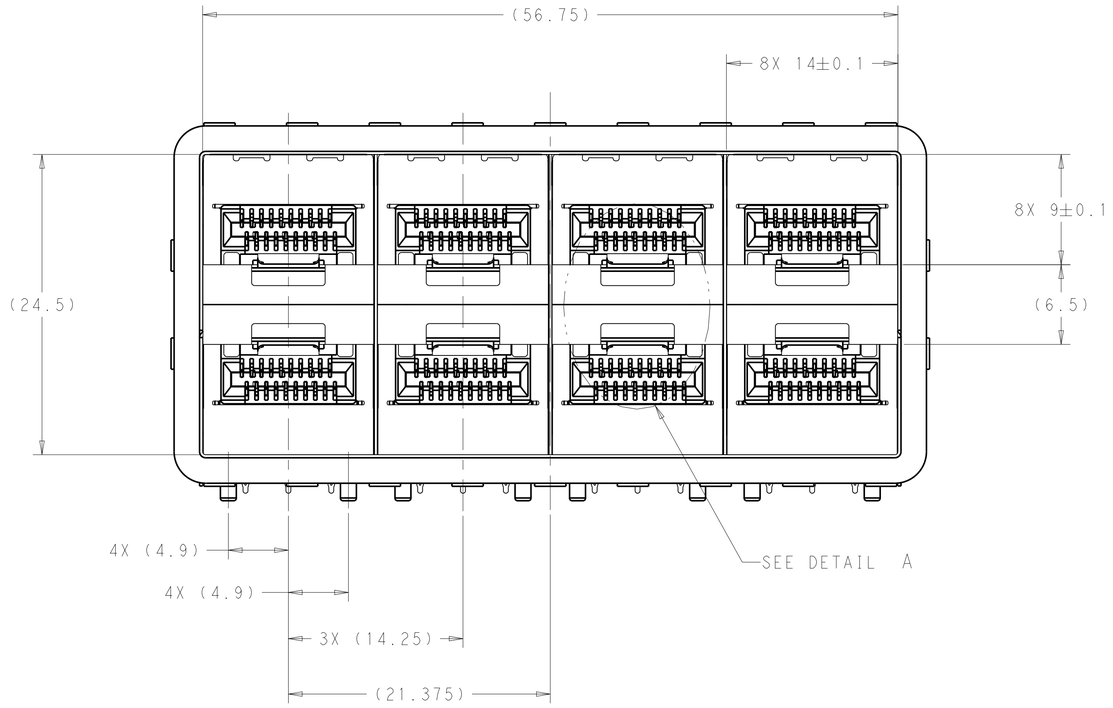
SCALE 1:1 SHEET 2 OF 5 REV A

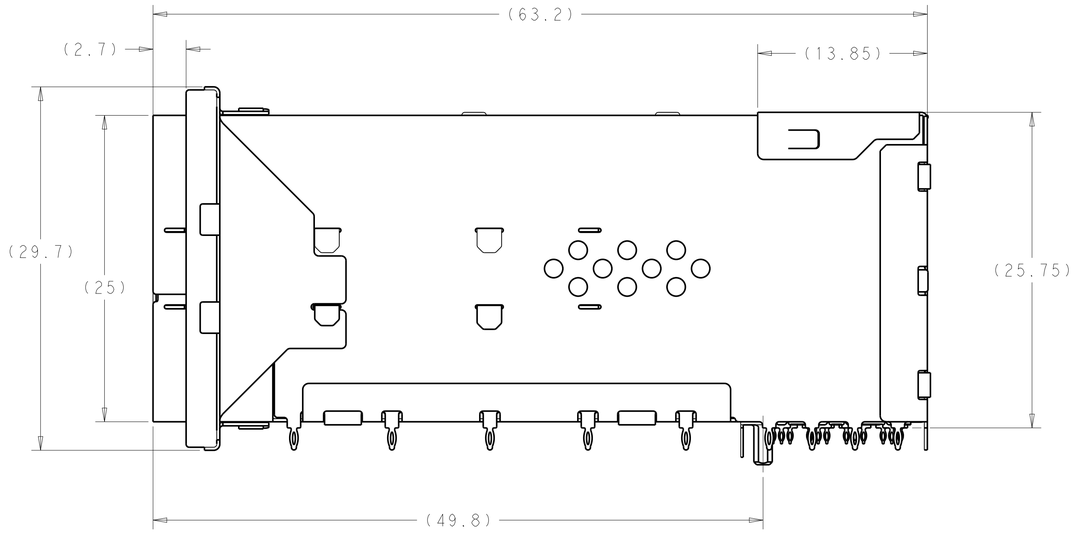
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC	DIST
GP	00

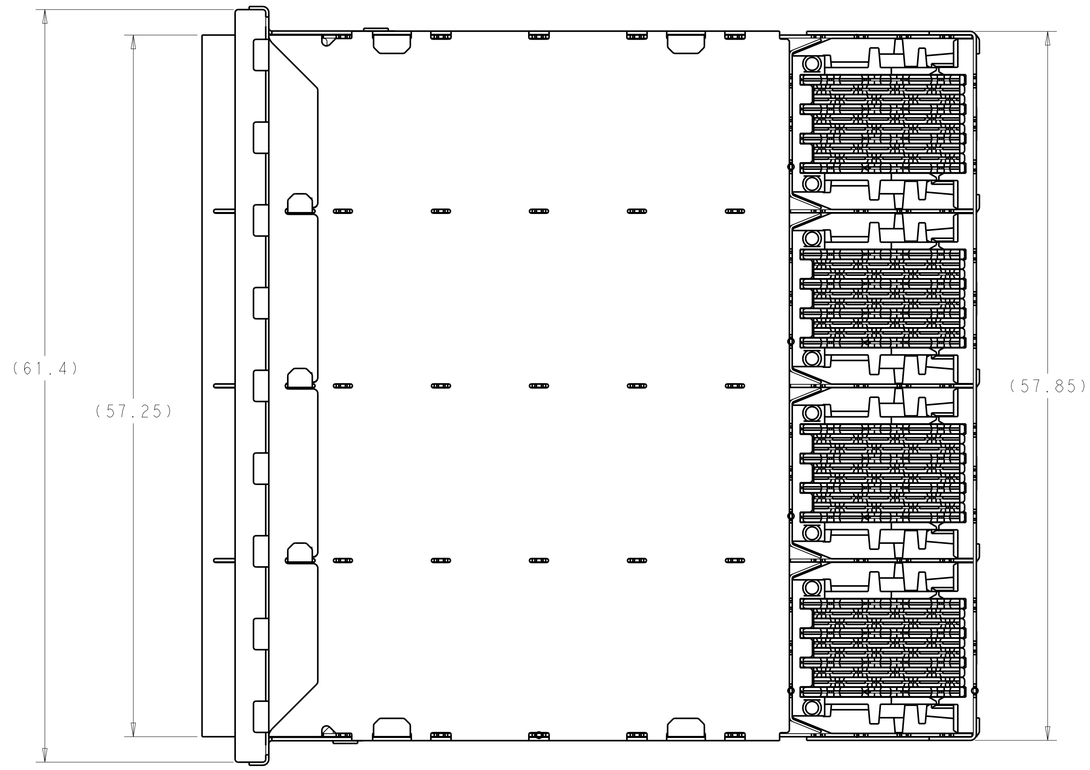
REVISIONS

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





DETAIL A
4X INDIVIDUALLY
SCALE 10:1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL SEE NOTES
FINISH SEE NOTES

DWN M.E. COWHER 14SEP2011
CHK M.D. MORRISON 16SEP2011
APVD M.D. MORRISON 23OCT2011
PRODUCT SPEC 108-2431
APPLICATION SPEC 114-13319
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+ -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2180324	-

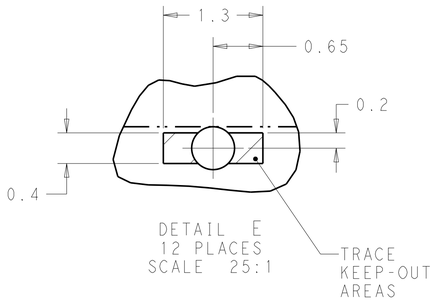
CUSTOMER DRAWING | SCALE 1:1 | SHEET 3 OF 5 | REV A

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

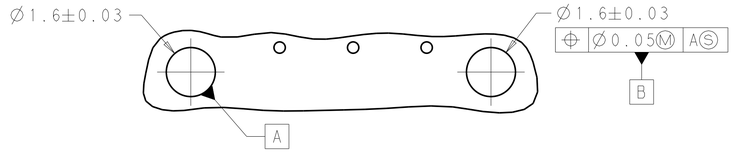
LOC	DIST
GP	00

REVISIONS

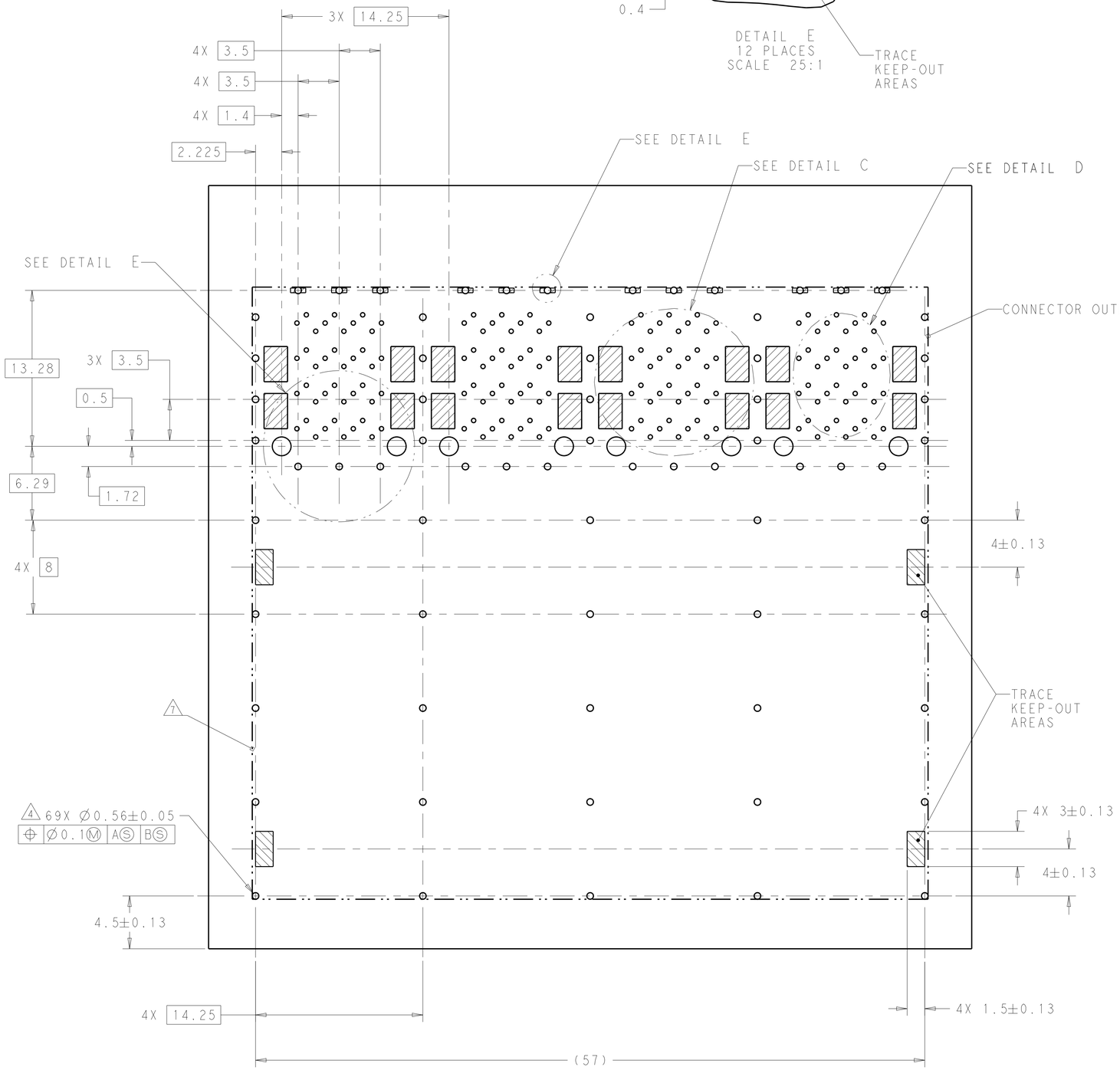
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



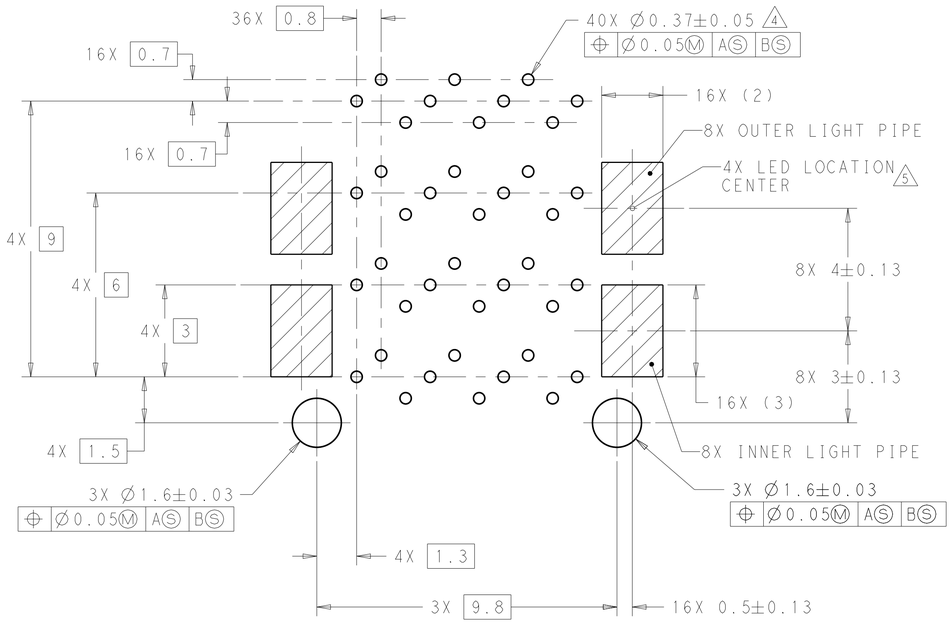
DETAIL E
12 PLACES
SCALE 25:1



DETAIL E
SCALE 10:1



RECOMMENDED PCB LAYOUT
SCALE 5:1



DETAIL C
RECOMMENDED PIN AND LIGHT PIPE LAYOUT
SCALE 10:1

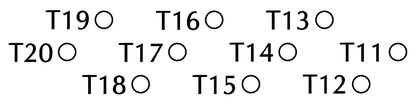
THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN M.E. COWHER 14SEP2011	TE Connectivity
DIMENSIONS: mm	CHK M.D. MORRISON 16SEP2011	NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±-	APVD M.D. MORRISON 25OCT2011	PRODUCT SPEC 108-2431
		APPLICATION SPEC 114-13319
MATERIAL SEE NOTES	FINISH SEE NOTES	WEIGHT -
		SIZE A1 · CAGE CODE 00779 · DRAWING NO C-2180324 · RESTRICTED TO -
		CUSTOMER DRAWING · SCALE 1:1 · SHEET 4 OF 5 · REV A

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

LOC	DIST
GP	00

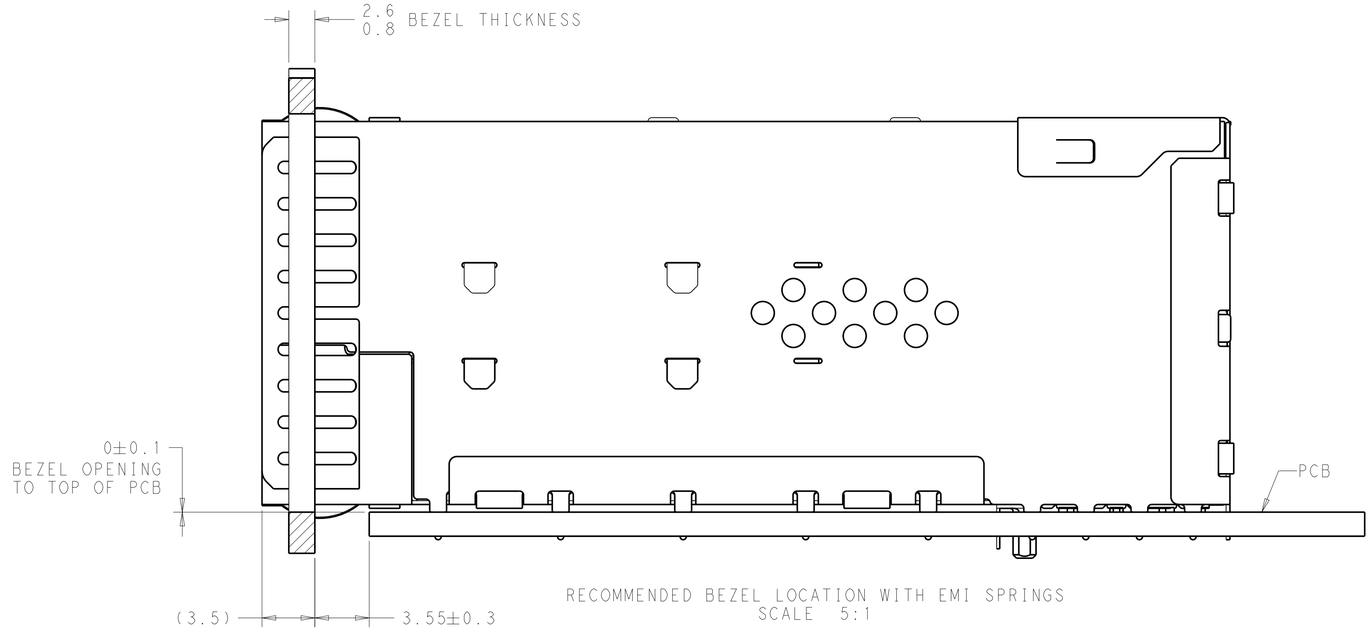
REVISIONS

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

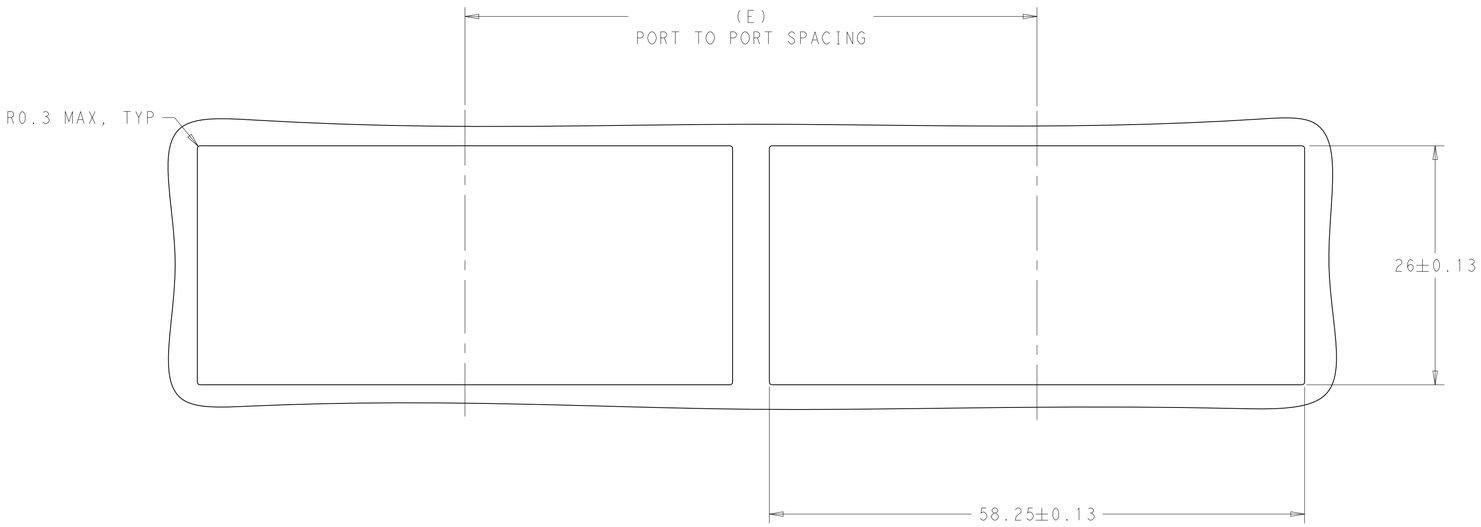


DETAIL D
PIN MAP
4 PLACES
SCALE 15:1

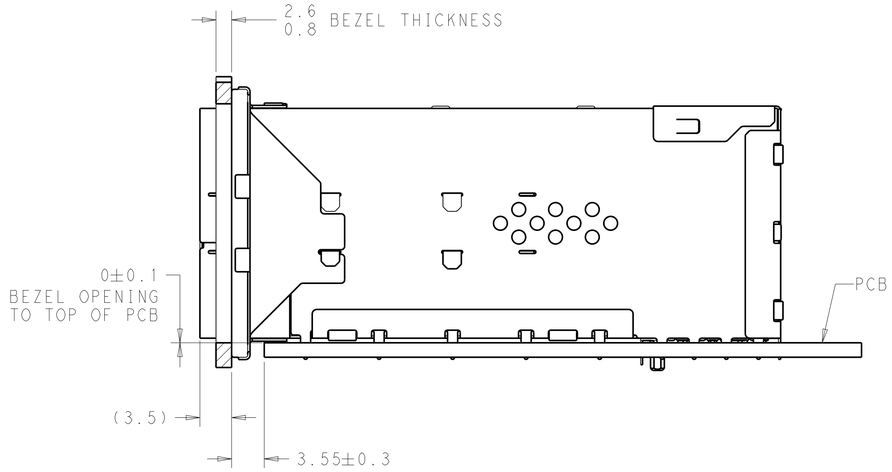
PIN MAP LEGEND	
PIN NUMBER	FUNCTION
L1/T1	VEET
L2/T2	TX-FAULT
L3/T3	TX-DISABLE
L4/T4	SDA
L5/T5	SCL
L6/T6	MOD_ABS
L7/T7	RSO
L8/T8	RX_LOS
L9/T9	RS1
L10/T10	VEER
L11/T11	VEER
L12/T12	RD-
L13/T13	RD+
L14/T14	VEER
L15/T15	VCCR
L16/T16	VCCT
L17/T17	VEET
L18/T18	TD+
L19/T19	TD-
L20/T20	VEET



RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 5:1



RECOMMENDED BEZEL CUT-OUT DETAIL
SCALE 3:1



RECOMMENDED BEZEL LOCATION WITH EMI GASKET
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL SEE NOTES
FINISH SEE NOTES

DWN M.E. COWHER 14SEP2011
CHK M.D. MORRISON 16SEP2011
APVD M.D. MORRISON 25OCT2011
PRODUCT SPEC 108-2431
APPLICATION SPEC 114-13319
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2180324	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 5 OF 5 | REV A