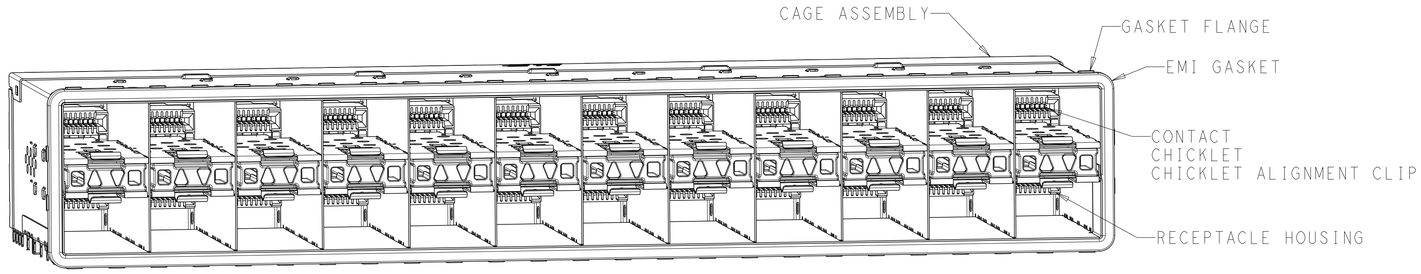
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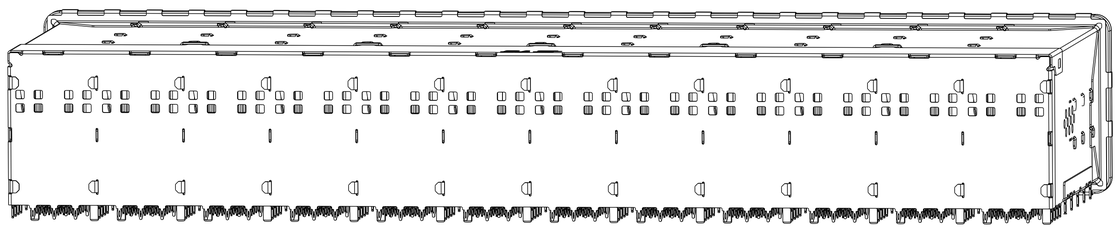
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GP	00

REVISIONS

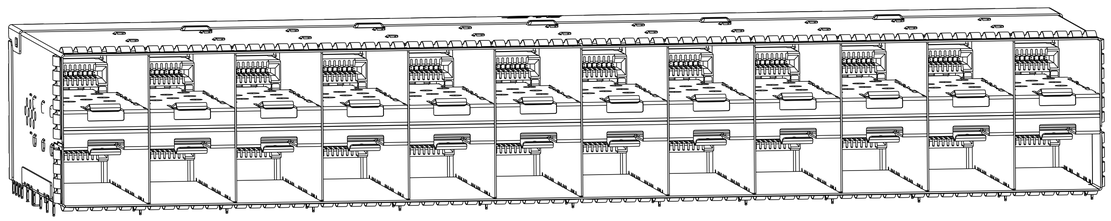
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	A	MASS PRODUCTION	24OCT2014	PP	SH
	A1	REVISED PER ECO-20-015059	22OCT2020	JY	SH
	B1	REVISED PER ECN-22-166164	26JUL2022	IT	SZ



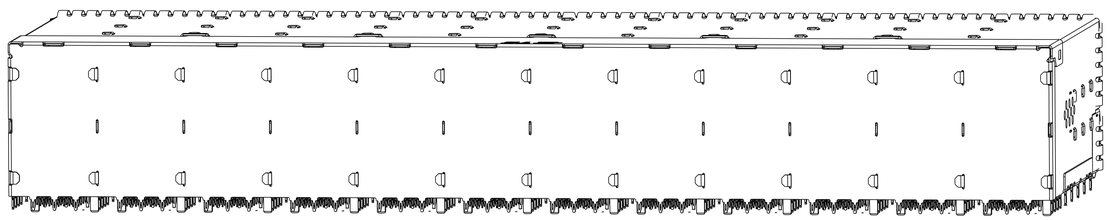
2227838-8



2227838-8
BCK VIEW



1-2227838-0



1-2227838-0
BCK VIEW

1. MATERIALS:
   CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
   RECEPTACLE HOUSING - LCP, BLACK, UL 94V-0 RATED
   RECEPTACLE 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
   LIGHT PIPE - POLYCARBONATE
   LIGHT PIPE HOUSING - ZINC ALLOY
   EMI SPRINGS - PHOSPHOR BRONZE PER ASTM B103

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

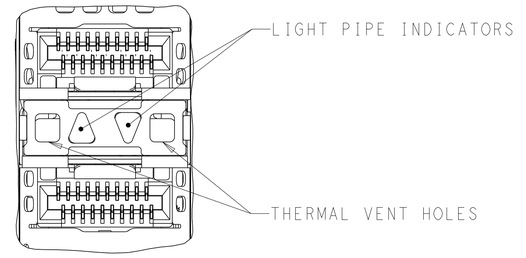
3. PCB MINIMUM THICKNESS = 1.5mm

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. 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

7. DIMENSION APPLIES FROM EMI SPRINGS ONLY.



INNER LIGHT PIPE
2227838-8
SCALE 4:1

173.5	EMI SPRINGS	NONE	1-2227838-0
176.25	EMI GASKET	INNER	2227838-8
(E)	CAGE TYPE	LIGHT PIPE CONFIGURATION	PART NUMBER

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 - SEE NOTES
FINISH - SEE NOTES

DWN M SHIRK 26MAR2013
CHK M PHILLIPS 26MAR2013
APVD -
PRODUCT SPEC 108-2481
APPLICATION SPEC 114-13319
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X12, STACKED, zSFP+ THERMALLY ENHANCED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2227838	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 5 | REV B1

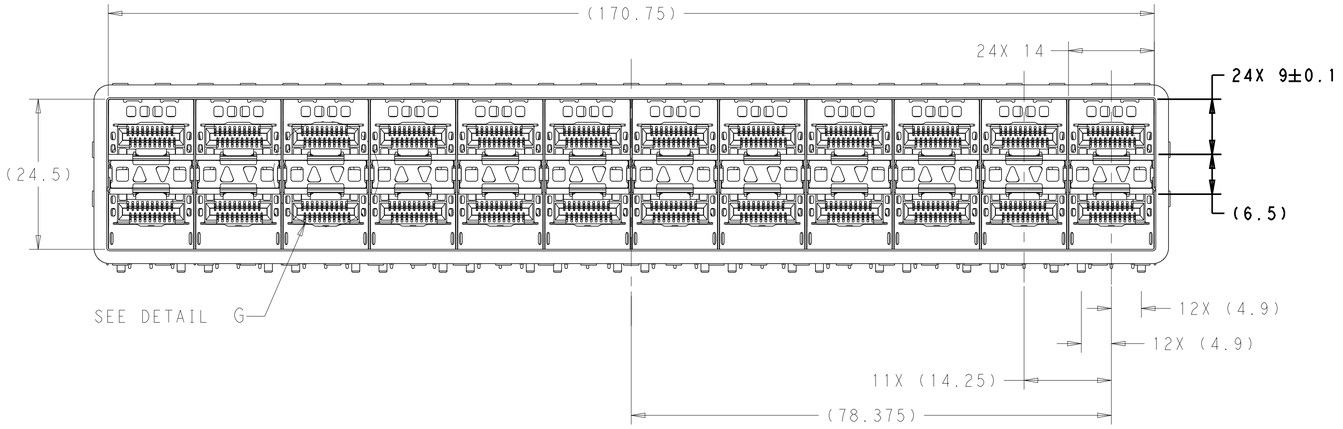
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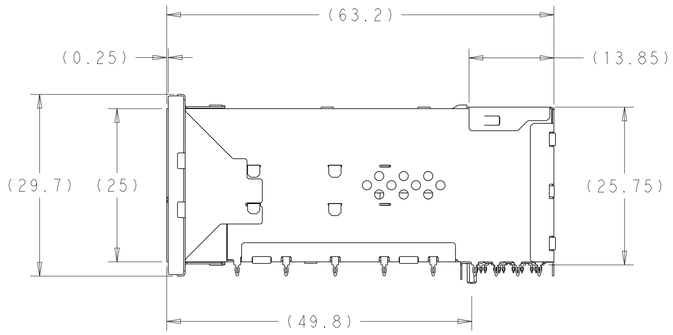
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GP	00

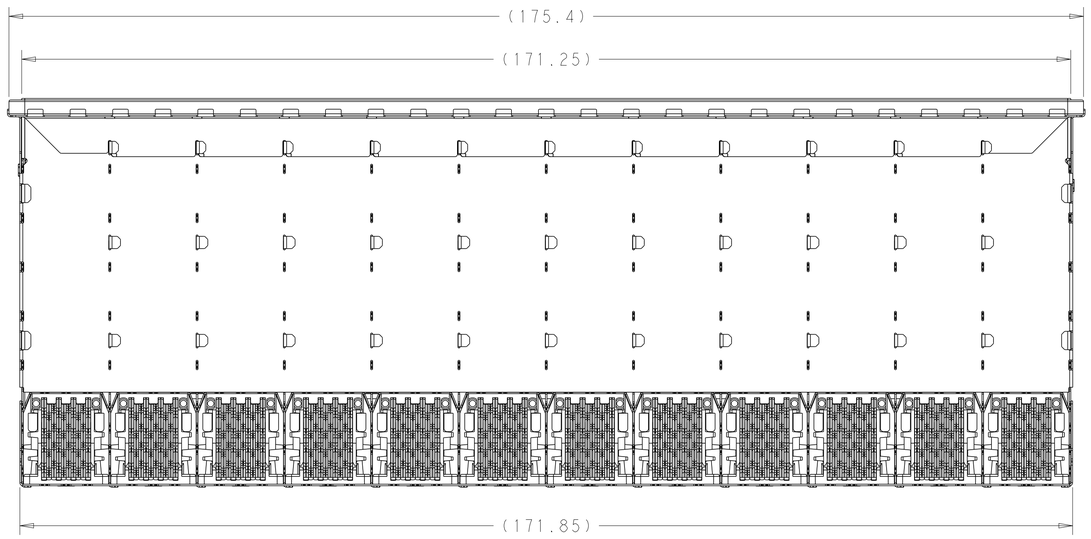
REVISIONS

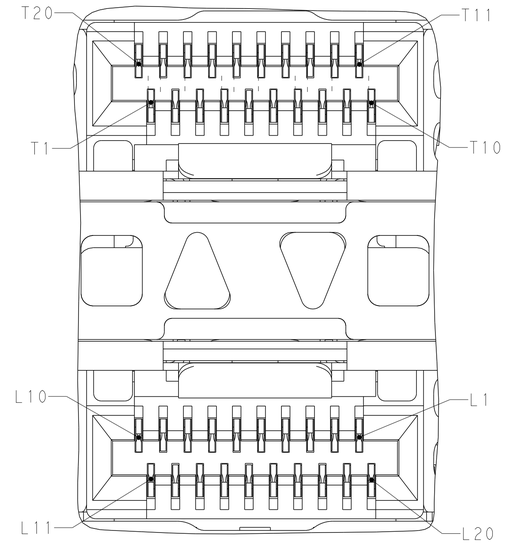
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-





2227838-8
EMI GASKET ONLY
SCALE 3:1





DETAIL G
12X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M SHIRK 26MAR2013	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 M PHILLIPS 26MAR2013	NAME RECEPTACLE ASSEMBLY, 2X12, STACKED, zSFP+ THERMALLY ENHANCED
		APVD -	
		PRODUCT SPEC 108-2431	
		APPLICATION SPEC 114-13319	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-2227838 · RESTRICTED TO -
MATERIAL - SEE NOTES	FINISH - SEE NOTES	WEIGHT -	CUSTOMER DRAWING · SCALE 2:1 · SHEET 2 OF 5 · REV B1

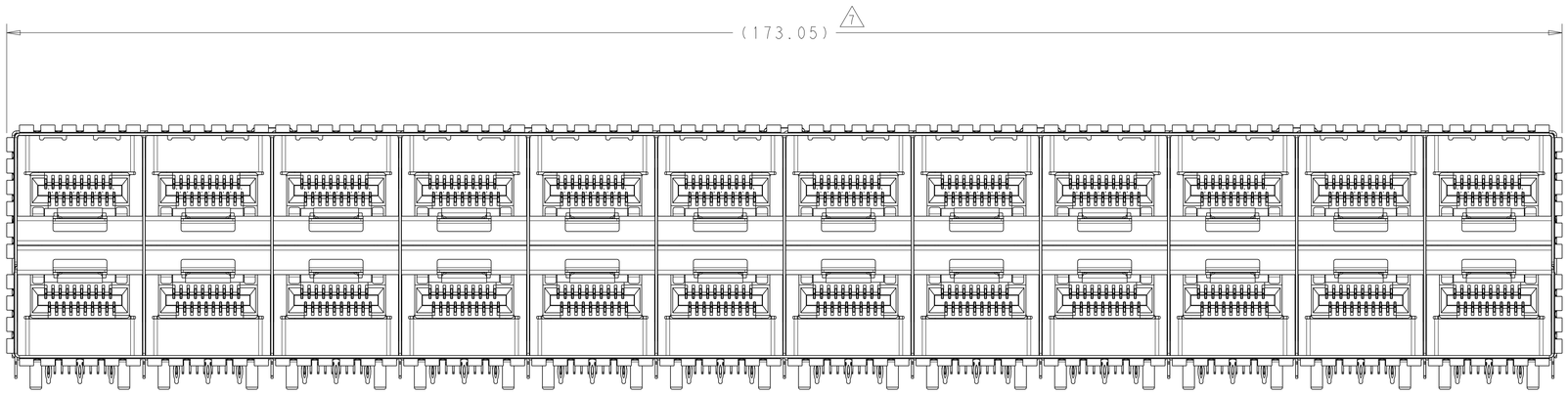
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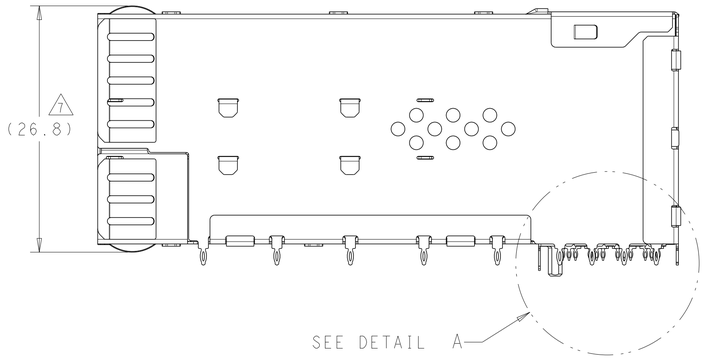
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LOC	DIST
GP	00

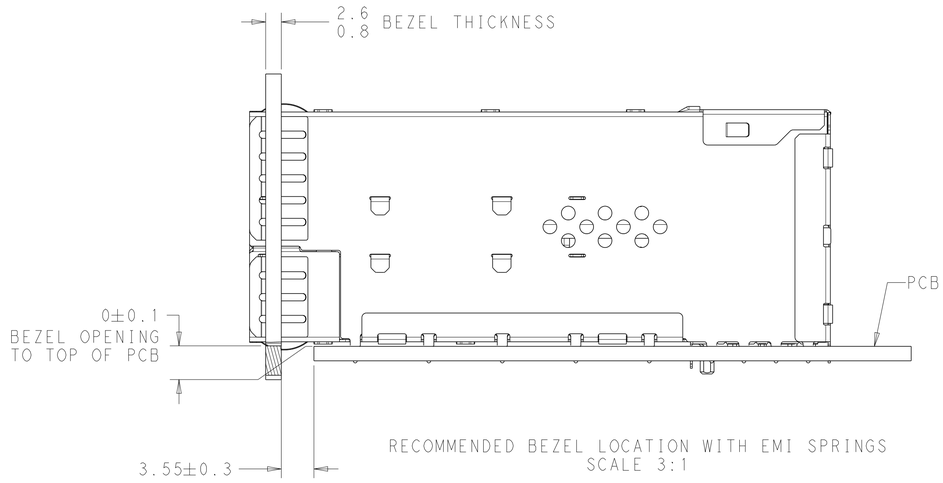
REVISIONS

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

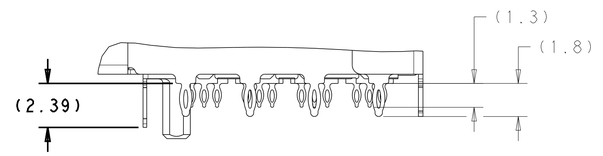




1-2227838-0
EMI SPRINGS ONLY
SCALE 3:1



RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 3:1



DETAIL A
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

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 - SEE NOTES
FINISH - SEE NOTES

DWN M.SHIRK 26MAR2013
CHK M.PHILLIPS 26MAR2013
APVD -
PRODUCT SPEC 108-2431
APPLICATION SPEC 114-13319
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X12, STACKED, zSFP+ THERMALLY ENHANCED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2227838	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 3 OF 5 | REV B1

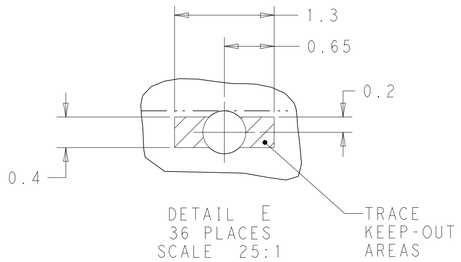
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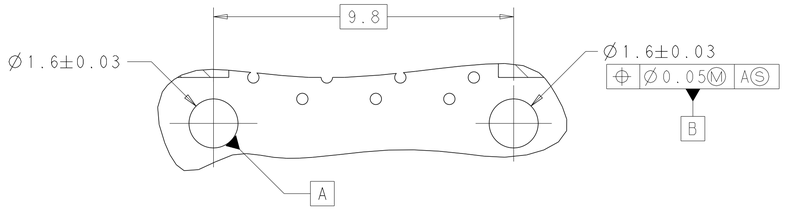
LOC	DIST
GP	00

REVISIONS

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



DETAIL E
36 PLACES
SCALE 25:1



DETAIL F
SCALE 10:1



RECOMMENDED PCB LAYOUT
SCALE 3:1

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0 PLC ±0.10
1 PLC ±0.10
2 PLC ±0.10
3 PLC ±0.10
4 PLC ±-
ANGLES ±-

MATERIAL - SEE NOTES
FINISH - SEE NOTES

DWN M SHIRK 26MAR2013
CHK M PHILLIPS 26MAR2013
APVD -
PRODUCT SPEC 108-2431
APPLICATION SPEC 114-13319
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X12, STACKED, zSFP+ THERMALLY ENHANCED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2227838	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 4 OF 5 | REV B1

4805 (3/11)

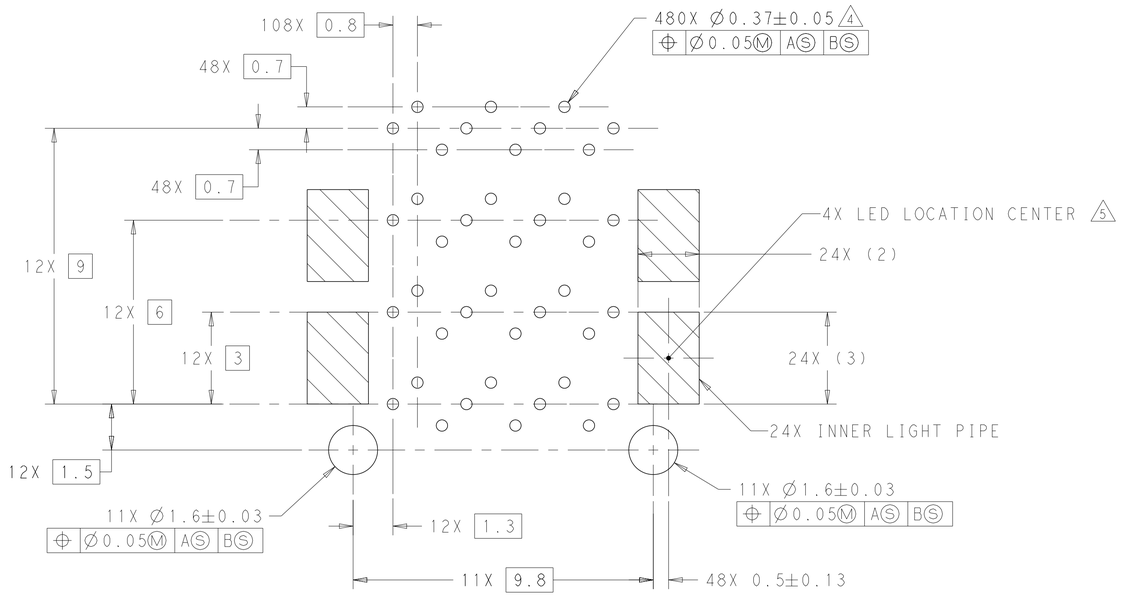
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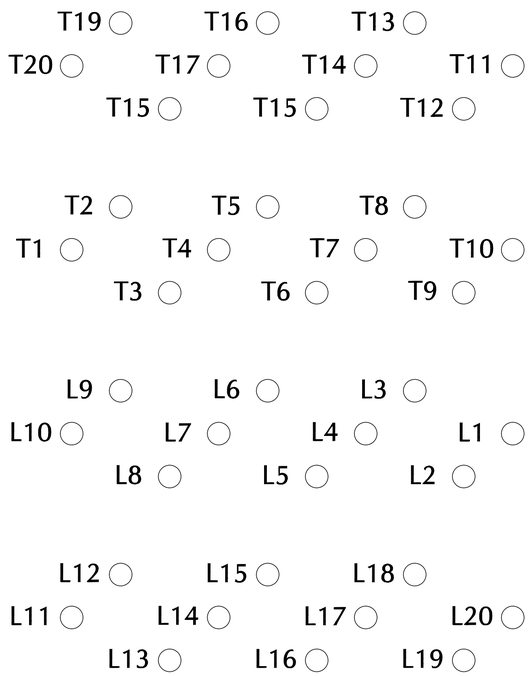
LOC	DIST
GP	00

REVISIONS

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

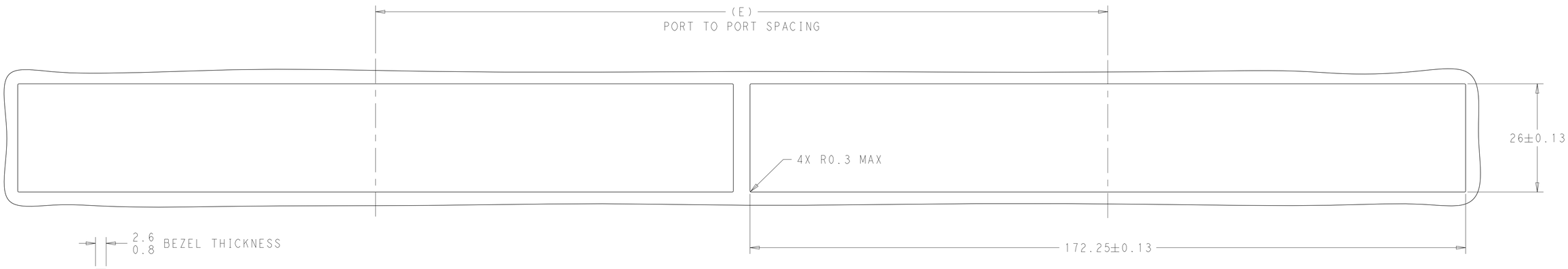


DETAIL C
RECOMMENDED PIN AND LIGHT PIPE LAYOUT
SCALE 10:1

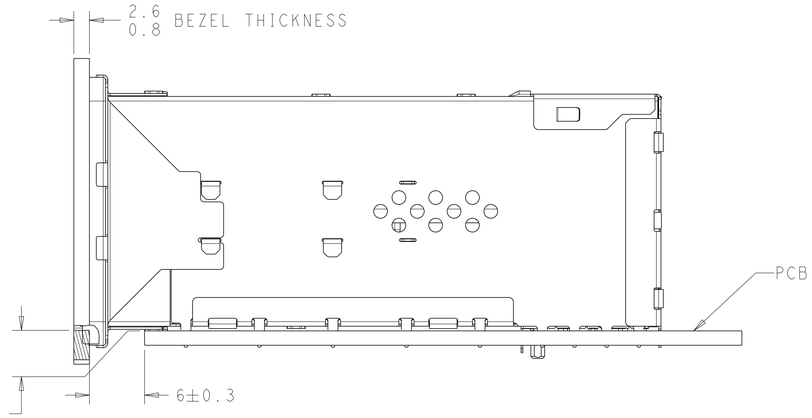


DETAIL D
PIN MAP
12 PLACES
SCALE 20:1

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 CUT OUT DETAIL



RECOMMENDED BEZEL LOCATION WITH EMI GASKET
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.	DWN M SHIRK 26MAR2013	TE Connectivity	
DIMENSIONS: mm	CHK M PHILLIPS 26MAR2013	NAME RECEPTACLE ASSEMBLY, 2X12, STACKED, zSFP+ THERMALLY ENHANCED	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.10, 1 PLC ±0.10, 2 PLC ±0.10, 3 PLC ±0.10, 4 PLC ±, ANGLES ±	APVD -	PRODUCT SPEC 108-2431	
		APPLICATION SPEC 114-13319	
MATERIAL - SEE NOTES	FINISH - SEE NOTES	WEIGHT -	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-2227838 · RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 2:1 · SHEET 5 OF 5 · REV B1

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