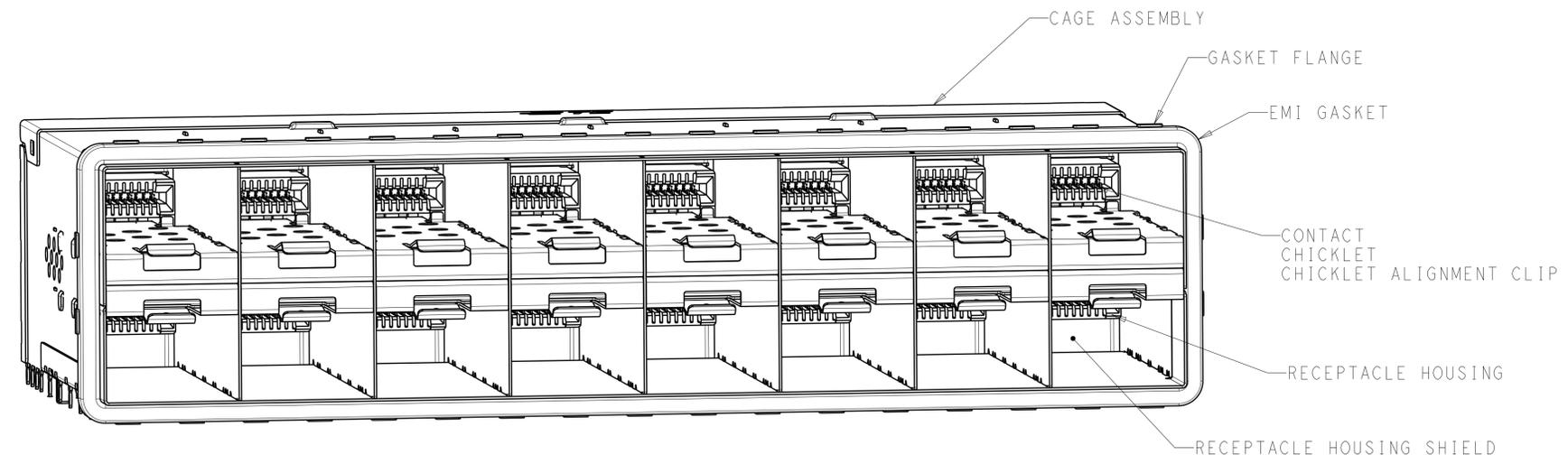
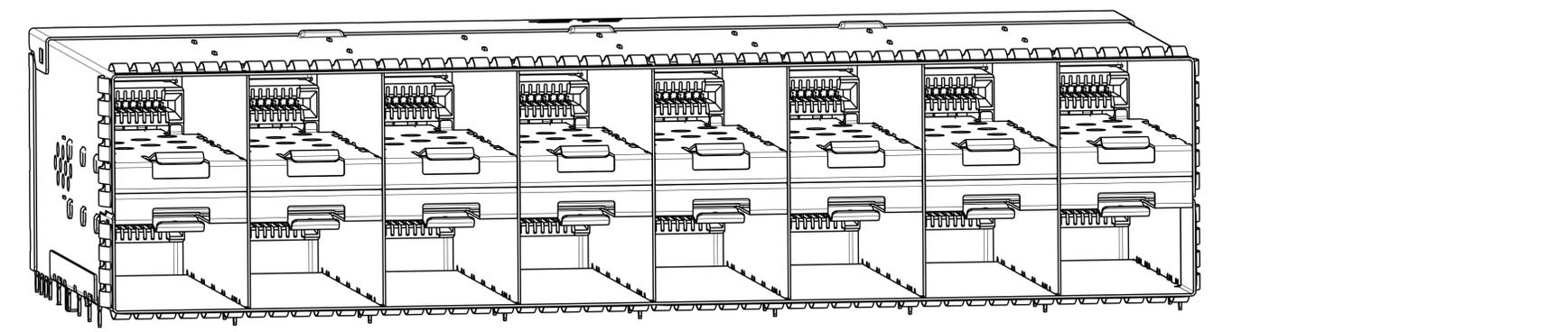


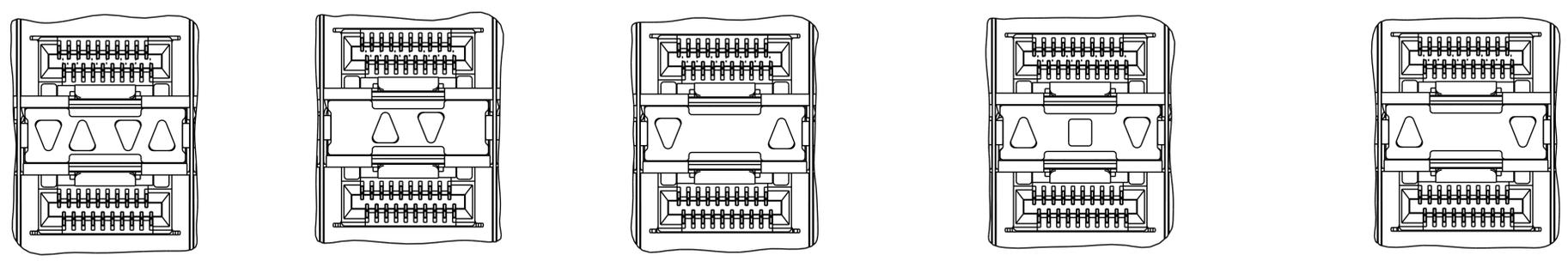
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		B		REVISED PER ECO-15-010819	20SEP2015	PP	SH
		B1		REVISED PER ECO-16-004263	17MAR2016	KO	SH
		B2		ADD -32	12JUL2016	PP	SH
		B3		AD -40	20SEP2016	PP	SH



2198346-1



2198346-5



INNER/OUTER LIGHT PIPE  
 2198346-2, 2198346-6  
 SCALE 4:1

INNER LIGHT PIPE  
 2198346-3, 2198346-7  
 4-2198346-0  
 SCALE 4:1

OUTER LIGHT PIPES  
 2198346-4, 2198346-8  
 SCALE 4:1

CENTER/REVERSED OUTER LIGHT PIPES  
 1-2198346-7, 1-2198346-9  
 SCALE 4:1

REVERSED OUTER LIGHT PIPES  
 1-2198346-8, 2-2198346-0  
 SCALE 4:1

- 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
- 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
- PCB MINIMUM THICKNESS = 1.5mm
- FOR HOLE SIZE AND PLATINGS,  
 SEE APPLICATION SPECIFICATION 114-13319
- LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE  
 LED PACKAGE WITH A HEIGHT OF 0.8mm
- DIMENSIONS APPLY FOR EMI SPRINGS ONLY
- 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
- THE DIMENSIONS APPLY TO 4-2198346-0 ONLY.

Dimension	Material	Configuration	Part Number	
116.5	THERMAL HOLE TOP SURFACE	INNER	4-2198346-0	
119.25	EMI GASKET LOW PROFILE FLANGE	INNER	3-2198346-2	
116.5	EMI SPRINGS AIRFLOW ENHANCE TYPE	NONE	3-2198346-1	
119.25	EMI GASKET AIRFLOW ENHANCE TYPE	NONE	3-2198346-0	
116.5	EMI SPRINGS	REVERSED OUTER	2-2198346-0	
		CENTER/REVERSED OUTER	1-2198346-9	
119.25	EMI GASKET	REVERSED OUTER	1-2198346-8	
		CENTER/REVERSED OUTER	1-2198346-7	
116.5	EMI SPRINGS	OUTER	2198346-8	
		INNER	2198346-7	
		INNER/OUTER	2198346-6	
119.25	EMI GASKET	NONE	2198346-5	
		OUTER	2198346-4	
		INNER	2198346-3	
		INNER/OUTER	2198346-2	
(E)	CAGE TYPE	NONE	2198346-1	
		LIGHT PIPE CONFIGURATION		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±0.20  
 1 PLC ±0.15  
 2 PLC ±0.10  
 3 PLC ±0.10  
 4 PLC ±0.10  
 ANGLES ±°

MATERIAL: SEE NOTES  
 FINISH: SEE NOTES

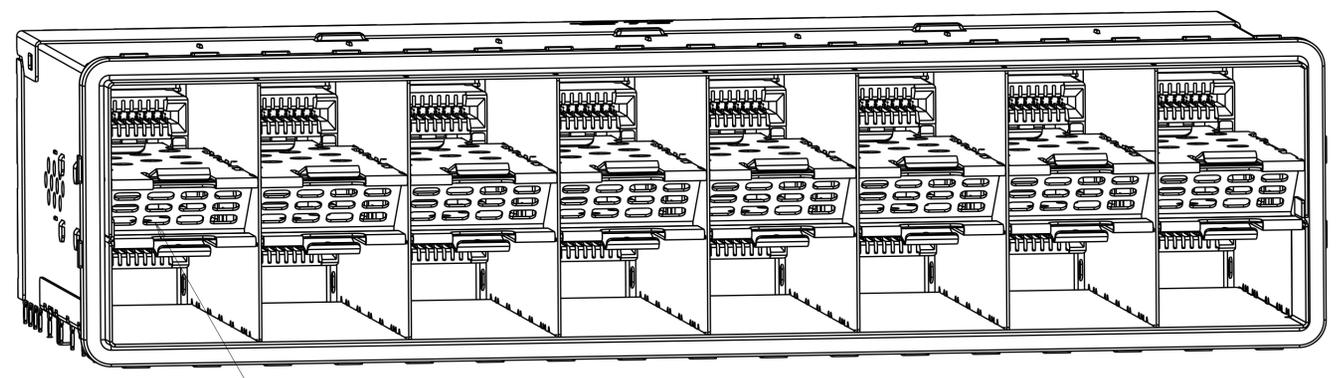
DWG: M.E. CONNER 09DEC2011  
 CHK: M.D. MORRISON 13DEC2011  
 APVD: M.D. MORRISON 13DEC2011

NAME: RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+  
 PRODUCT SPEC: 108-2481  
 APPLICATION SPEC: 114-13319  
 WEIGHT: -  
 Customer Drawing

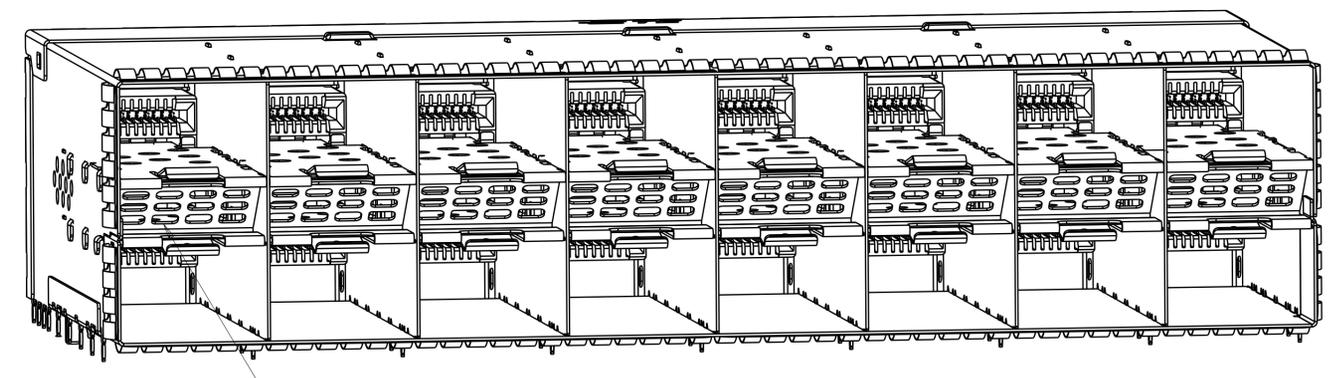
**STE** TE Connectivity  
 SIZE: A1 00779 C=2198346  
 SCALE: 3:1 SHEET 1 OF 6 REV: B3

LOC		DIST		REVISIONS			
P.	LTN	DESCRIPTION	DATE	OWN	APVD		
-	-	SEE SHEET 1	-	-	-		

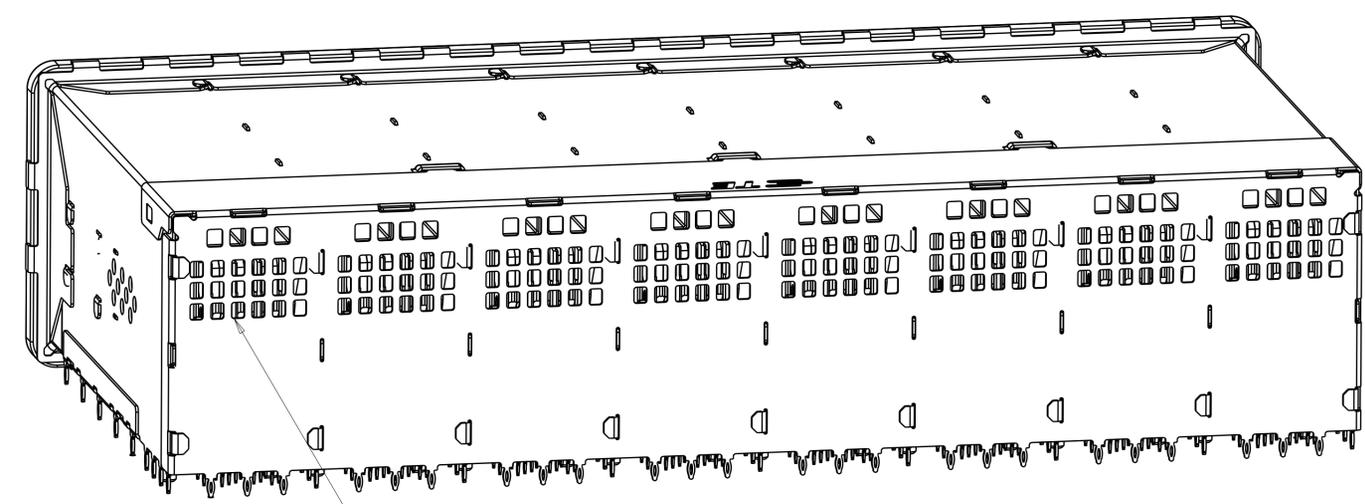
# AIRFLOW ENHANCE TYPE



AIR VENTS

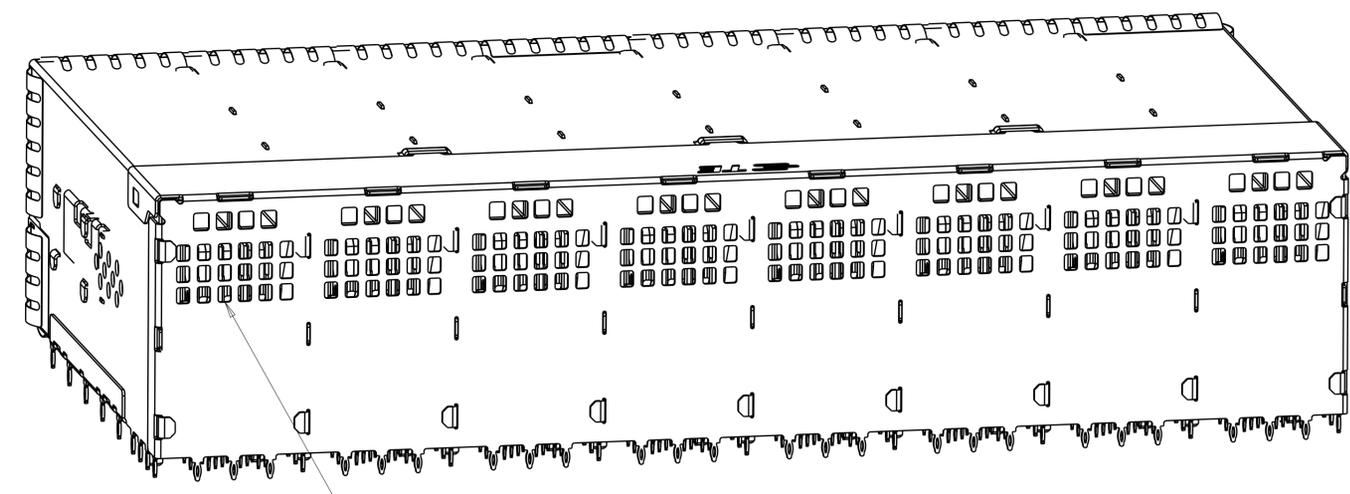


AIR VENTS



AIR VENTS

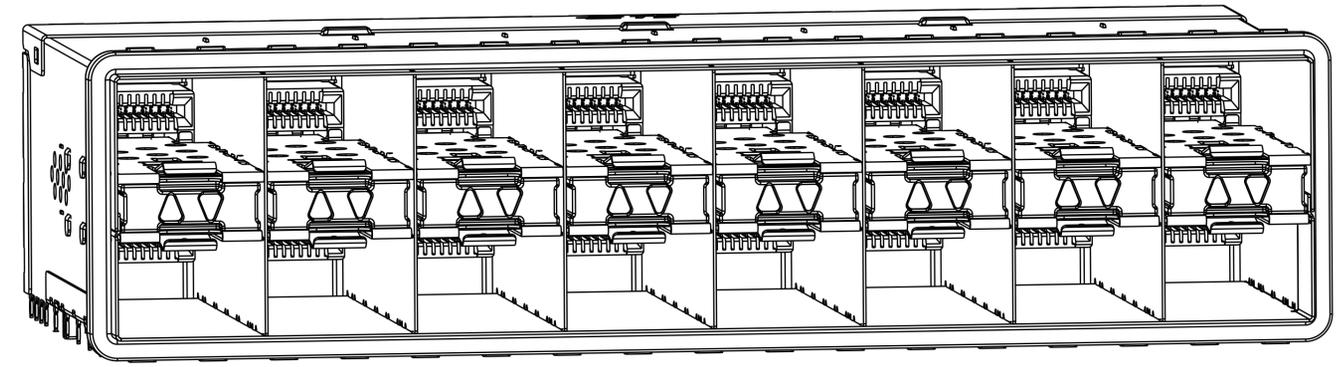
3-2198346-0  
EMI GASKET TYPE



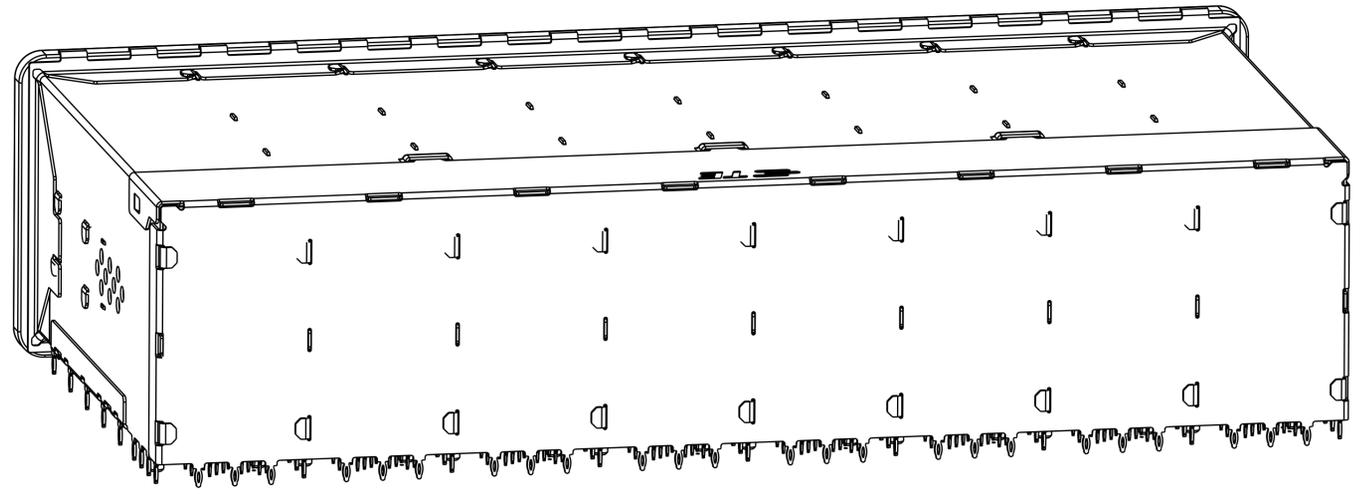
AIR VENTS

3-2198346-1  
EMI SPRING TYPE

## EMI GASKET TYPE WITH LOW PROFILE FLANGE



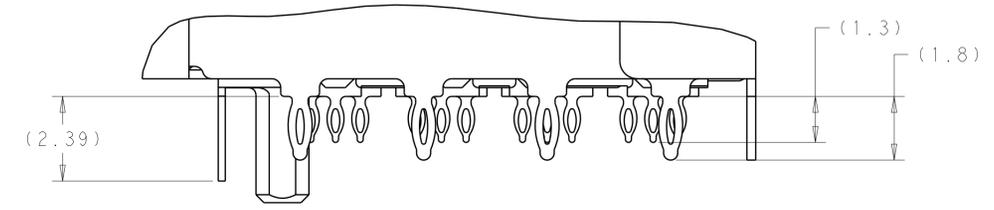
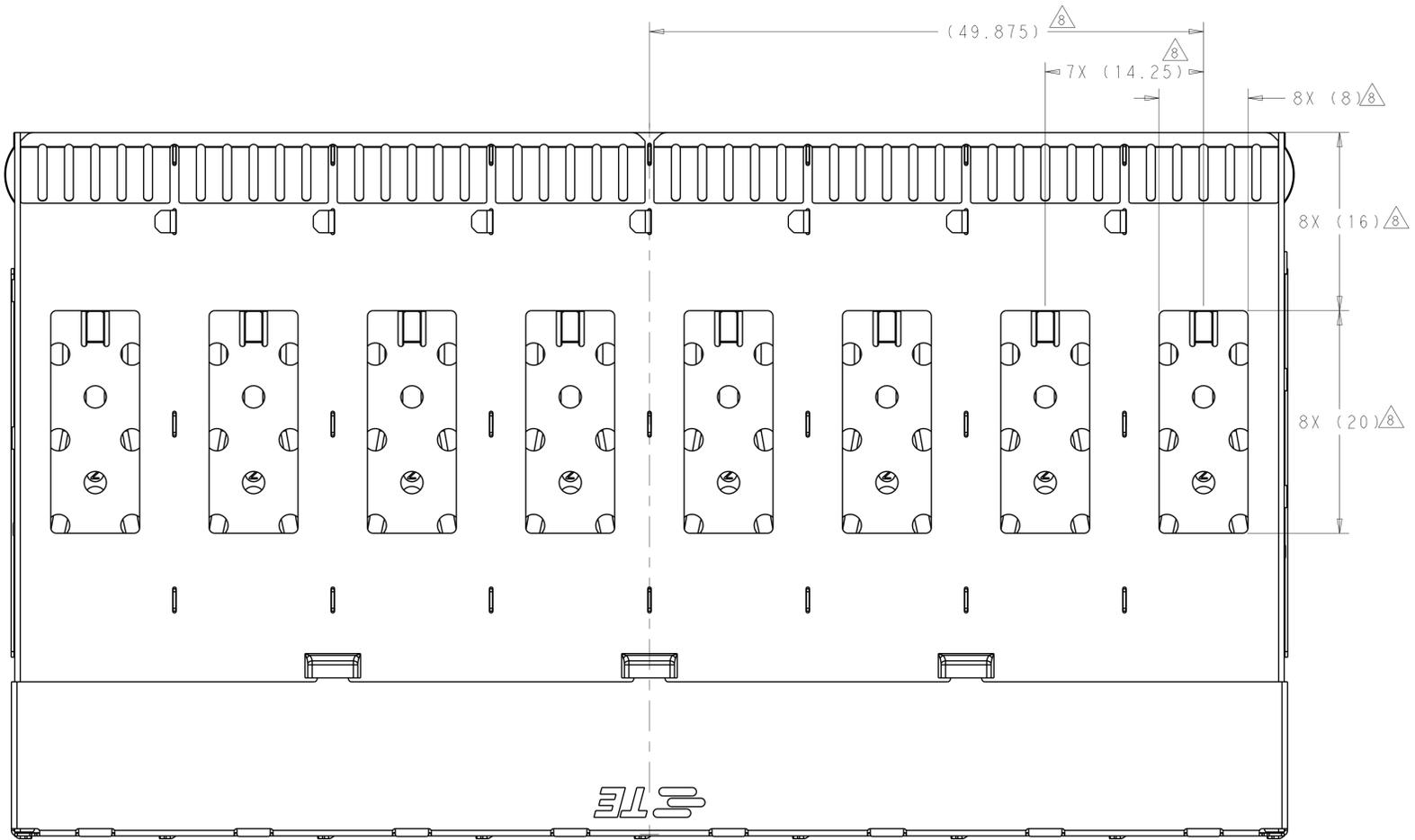
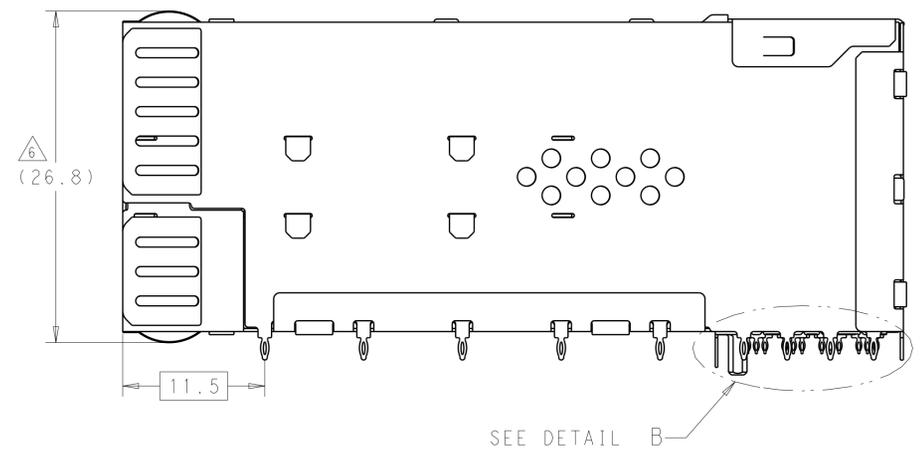
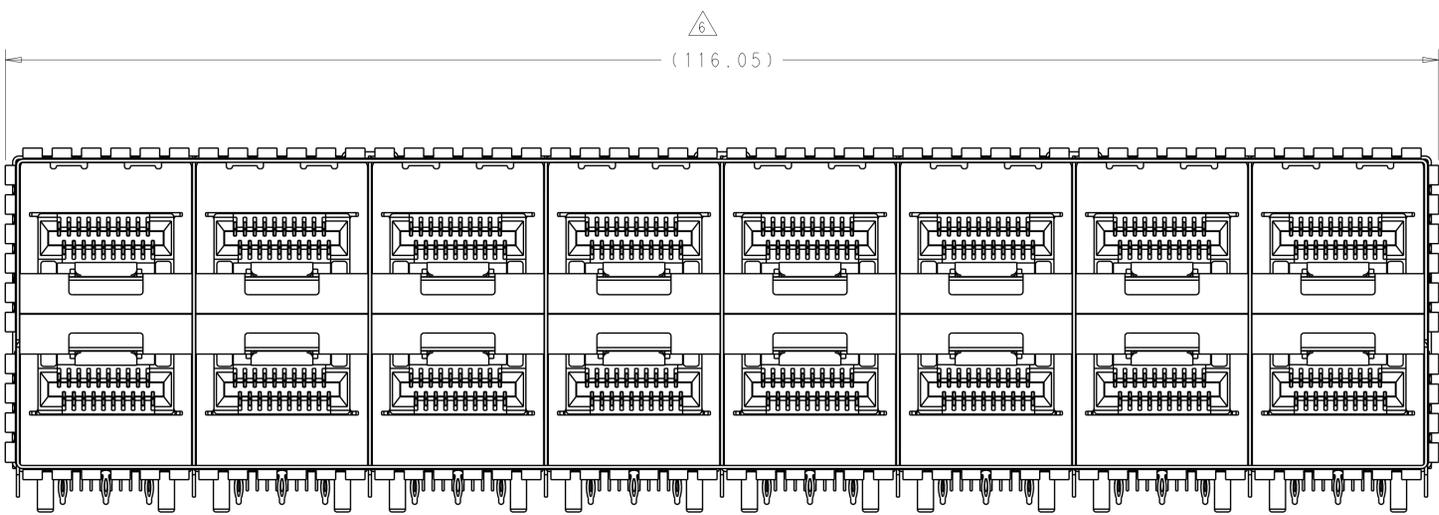
3-2198346-2



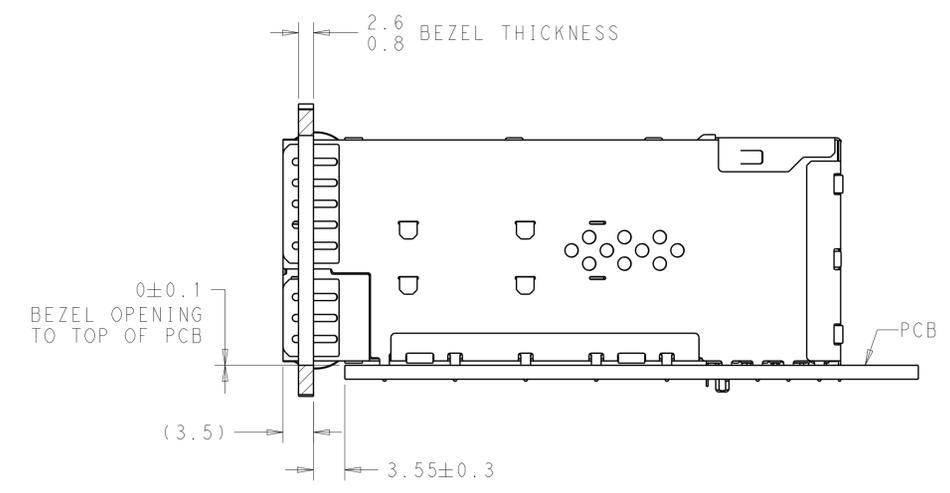
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: M.E. CONNER 09DEC2011	TE Connectivity NAME: RECEPTACLE ASSEMBLY, 2X8, STACKED, 2SFP+ SIZE: CAGE CODE DRAWING NO: A100779C=2198346 RESTRICTED TO:
DIMENSIONS:		CHK: M.D. MORRISON 13DEC2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M.D. MORRISON 13DEC2011	
0 PLC ± 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.10 4 PLC ± ANGLES ±		PRODUCT SPEC: 108-2481 APPLICATION SPEC: 114-13319	
MATERIAL: SEE NOTES		FINISH: SEE NOTES	WEIGHT: Customer Drawing
SCALE: 1:1		SHEET 2 OF 6 REV B3	

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

2198346-5 THRU 2198346-8, 1-2198346-9, 2-2198346-0, 4-2198346-0  
 EMI SPRINGS ONLY



DETAIL B  
 SCALE 10:1

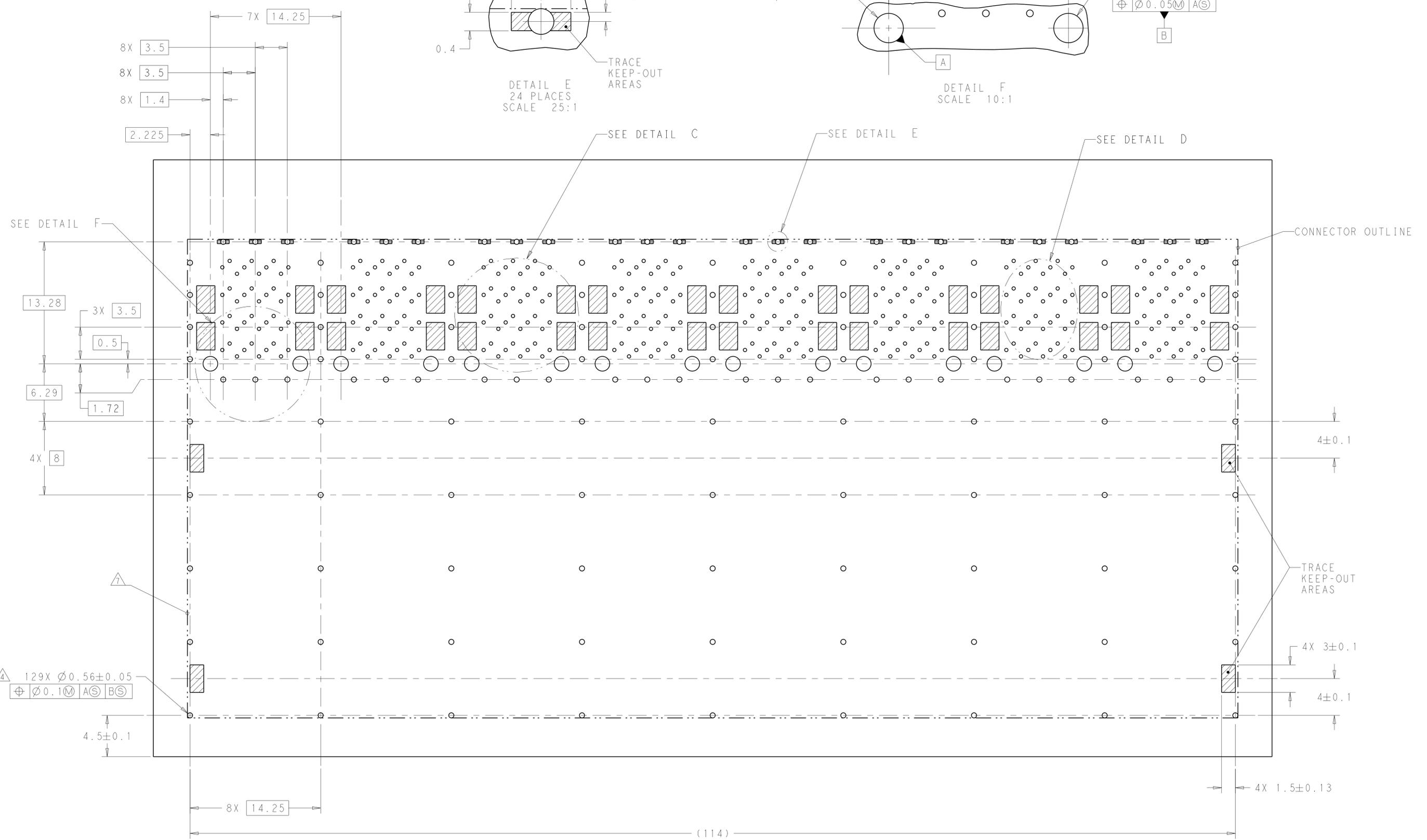
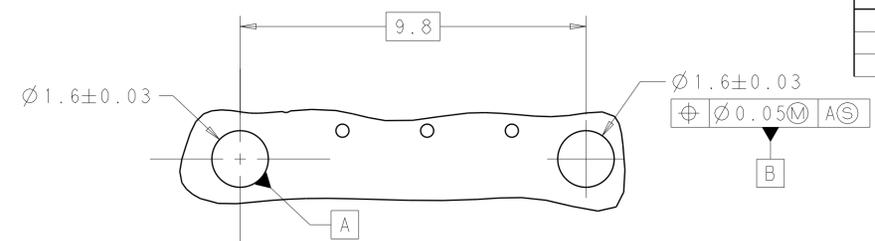
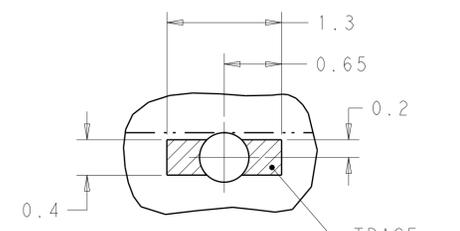


RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS  
 SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: M.E. CONNER 09DEC2011	TE Connectivity
DIMENSIONS: mm		CHK: M.D. MORRISON 13DEC2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M.D. MORRISON 13DEC2011	NAME: RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+
0 PLC ±	1 PLC ±0.20	PRODUCT SPEC: 108-2481	SIZE: CAGE CODE DRAWING NO: A100779C=2198346
2 PLC ±0.15	3 PLC ±0.10	APPLICATION SPEC: 114-13319	RESTRICTED TO: -
4 PLC ±	ANGLES ±	WEIGHT: -	SCALE: 1:1 SHEET 3 OF 6 REV: B3
MATERIAL: SEE NOTES	FINISH: SEE NOTES	Customer Drawing	



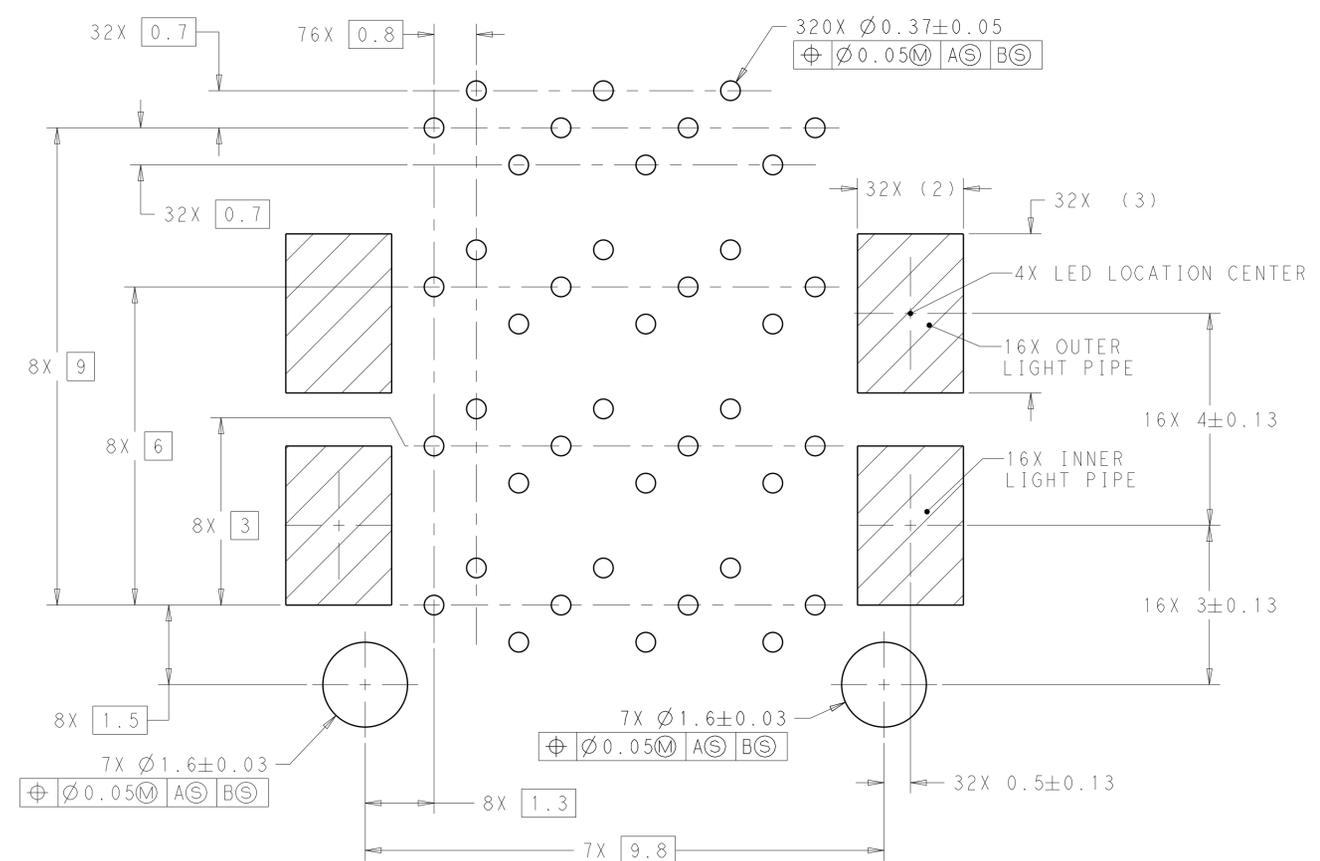
LOC	DIST	REVISIONS			
P.	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-



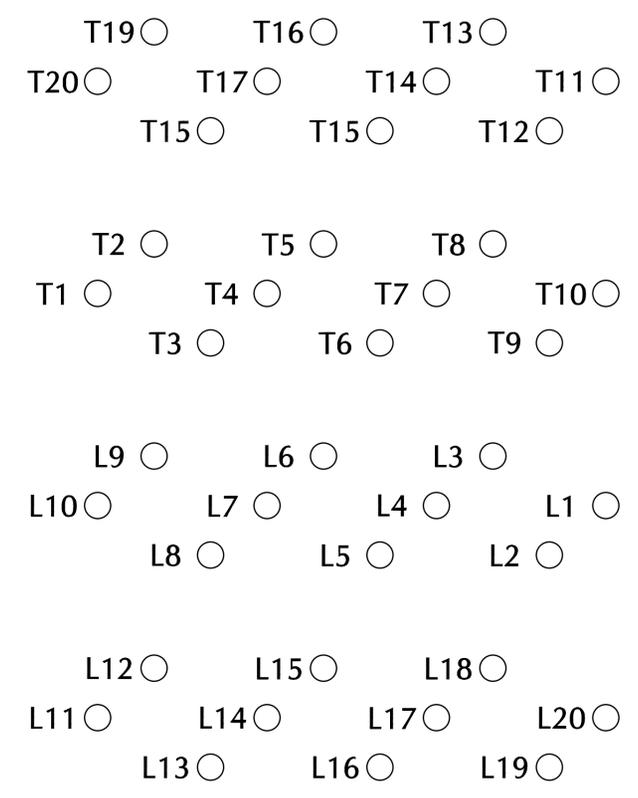
RECOMMENDED PCB LAYOUT  
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: M.E. CONNER 09DEC2011	TE Connectivity
DIMENSIONS: mm		CHK: M.D. MORRISON 13DEC2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.10 4 PLC ± ANGLES ±		APVD: M.D. MORRISON 13DEC2011	NAME: RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+
MATERIAL: SEE NOTES		PRODUCT SPEC: 108-2481	SIZE: CAGE CODE DRAWING NO: A100779
FINISH: SEE NOTES		APPLICATION SPEC: 114-13319	RESTRICTED TO: -
Customer Drawing		WEIGHT: -	SCALE: 3:1 SHEET 5 OF 6 REV: B3

LOC	DIST	REV	DATE	BY	APP'D
		1			
		2			
		3			
		4			
		5			
		6			
		7			
		8			

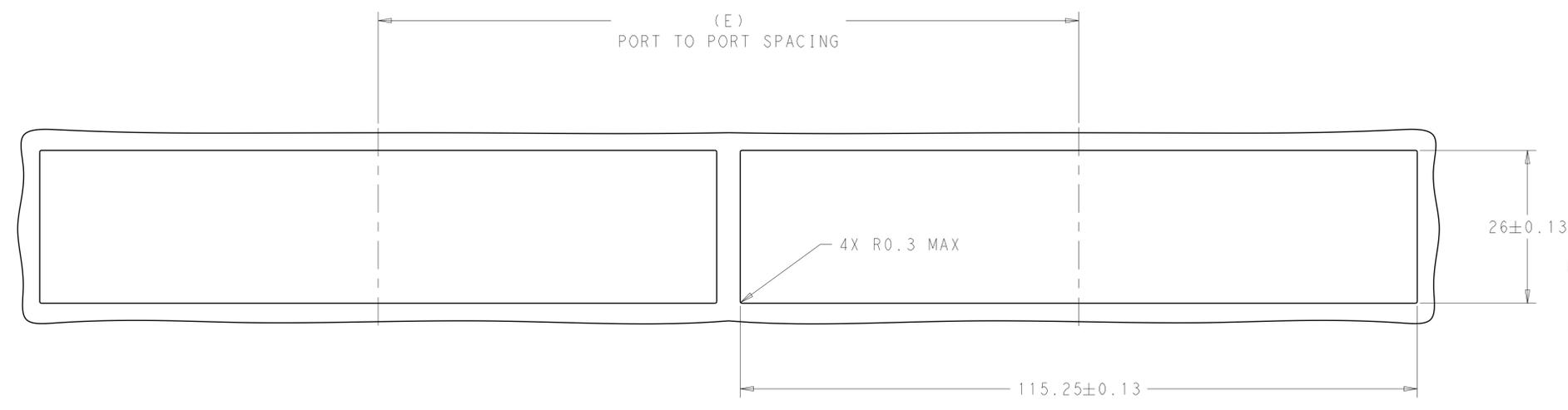


DETAIL C  
 RECOMMENDED PIN AND LIGHT PIPE LAYOUT  
 SCALE 15:1

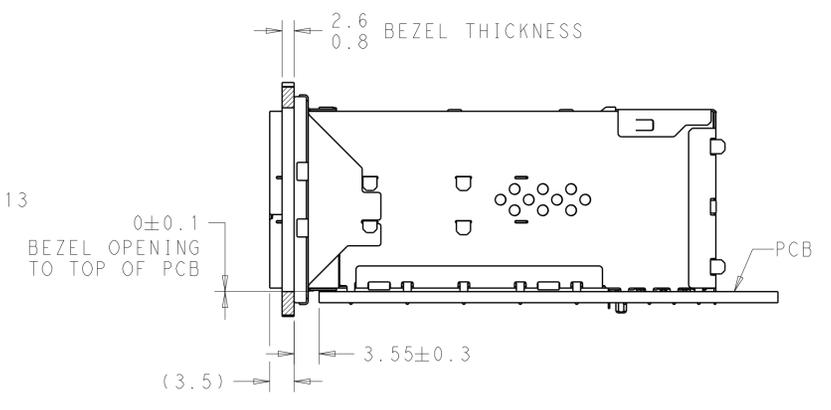


PIN MAP LEGEND	
PIN NUMBER	FUNCTION
L1/T1	VEET
L2/T2	TX-FAULT
L3/T3	TX-DISABLE
L4/T4	SDA
L5/T5	SCL
L6/T6	MOD_ABS
L7/T7	RSO
L8/T8	RX_LOS
L9/T9	RS1
L10/T10	VEER
L11/T11	VEER
L12/T12	RD-
L13/T13	RD+
L14/T14	VEER
L15/T15	VCCR
L16/T16	VCCT
L17/T17	VEET
L18/T18	TD+
L19/T19	TD-
L20/T20	VEET

DETAIL D  
 PIN MAP  
 8X PLACES  
 SCALE 20:1



RECOMMENDED BEZEL CUT-OUT DETAIL  
 SCALE 2:1



RECOMMENDED BEZEL LOCATION WITH EMI GASKET  
 SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: M.E. CONNER 09DEC2011	TE Connectivity
DIMENSIONS: mm		CHK: M.D. MORRISON 13DEC2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M.D. MORRISON 13DEC2011	NAME: RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+
0 PLC ±0.20		PRODUCT SPEC: 108-2481	
1 PLC ±0.15		APPLICATION SPEC: 114-13319	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2198346
2 PLC ±0.10		WEIGHT: -	
3 PLC ±0.05		Customer Drawing	RESTRICTED TO: -
4 PLC ±0.03			SCALE: 3:1 SHEET: 6 OF 6 REV: B.3
ANGLES: °			
FINISH: -			

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

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moschip.ru\_6

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