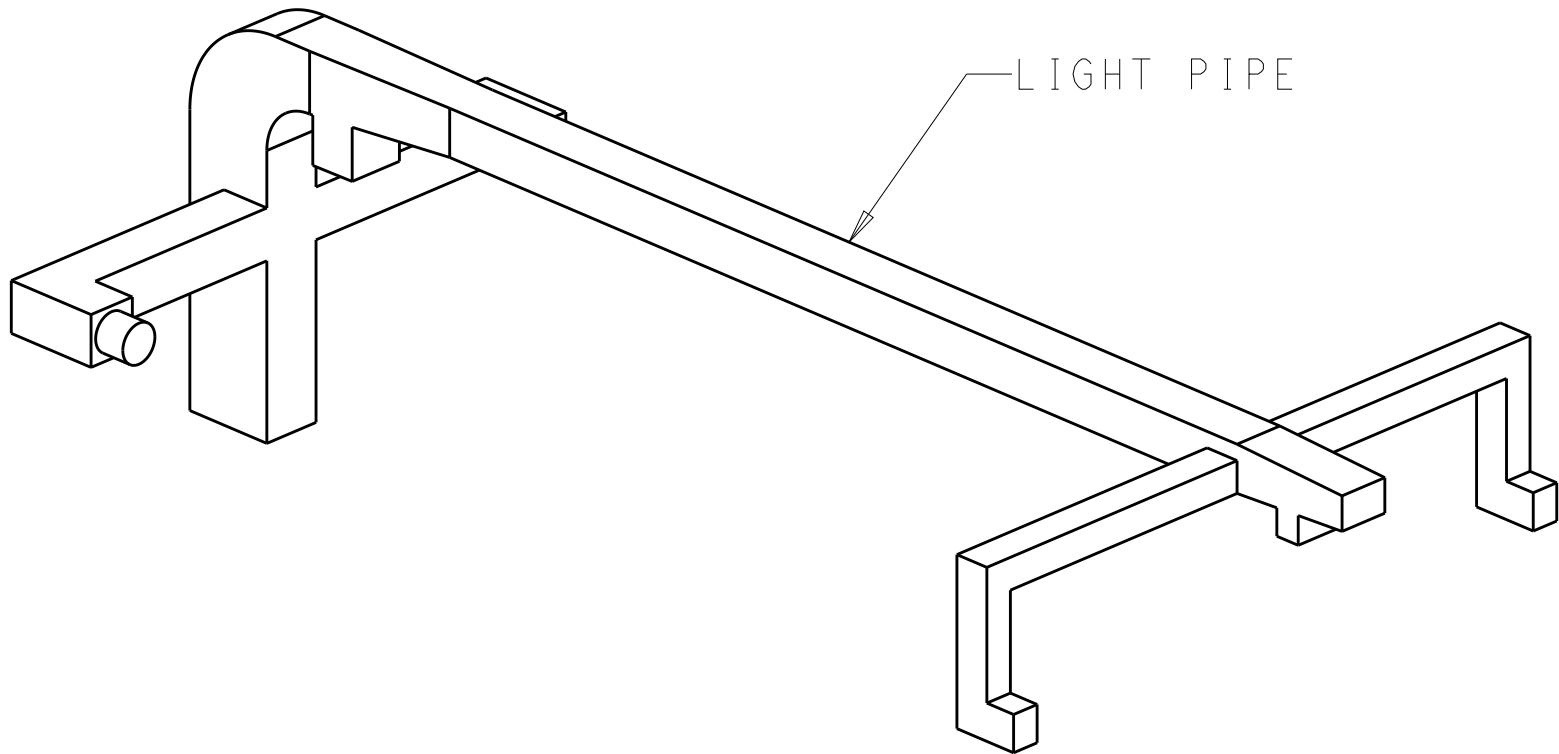


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED	05AUG2014	MS	SB
	B	REVISED PER ECO-14-015483	13OCT2014	CJV	SLB
	C	REV PER ECO-15-003246	05MAR2015	CJV	SLB
	D	REVISED PER ECO-15-008425	08JUN2015	CJV	SLB



LIGHT PIPE

- 1 MATERIALS:
HOUSING - ZINC ALLOY.
EMI GASKET - SEE TABLE.
RECEPTACLE HOUSING - LCP, BLACK, UL 94V-O RATED.
CHICKLET - LCP, BLACK, UL 94V-O RATED.
CONTACT - PHOSPHOR BRONZE.
EMI SPRING - COPPER ALLOY.
HOUSING COVER - STAINLESS STEEL.
LIGHT PIPE - POLYCARBONATE, CLEAR.

- 2 FINISH:
CONTACT - CONFORMS TO THE REQUIREMENTS OF TE
PRODUCT SPECIFICATION 108-2426, BASED ON EIA/ECA-364-1000.01A,
(CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE,
MATTE TIN PLATE OVER NICKEL UNDERPLATE ON COMPLIANT PIN.
HOUSING - NICKEL PLATE.

- 3 PCB THICKNESS = 1.57 MIN

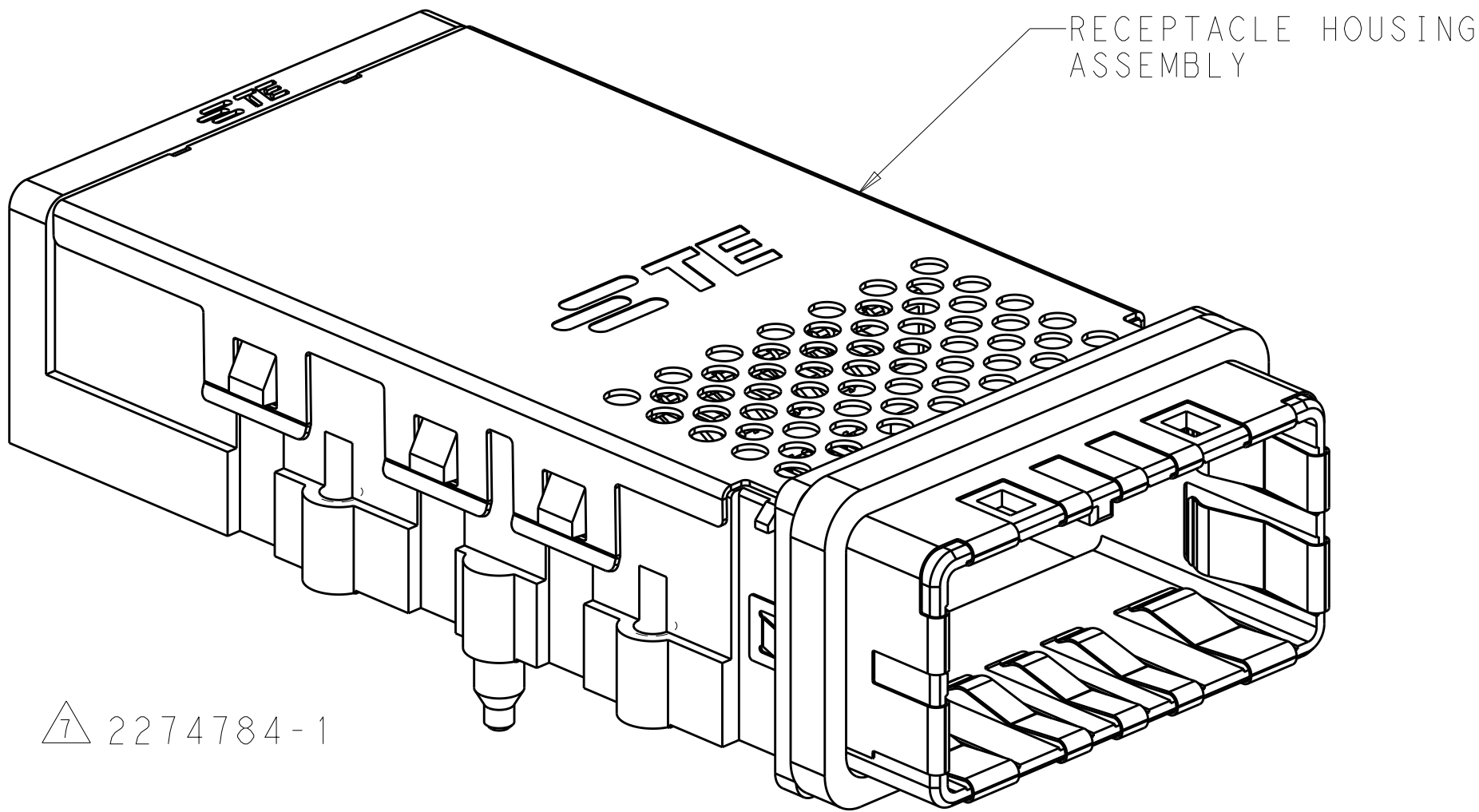
- 4 FOR HOLE SIZE AND FINISHES, SEE APPLICATION SPEC 114-13283

- 5 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED
BY CROSSHATCHING, TO BE CONSIDERED THE KEEPOUT AREA FOR
COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE
TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN, CROSSHATCHING
TO BE CONDUCTIVE.

6. MOUNTING HARDWARE REQUIRED:
M2x0.4 (4)
MOUNTING SCREW LENGTH = BOARD THICKNESS PLUS 4mm MAX

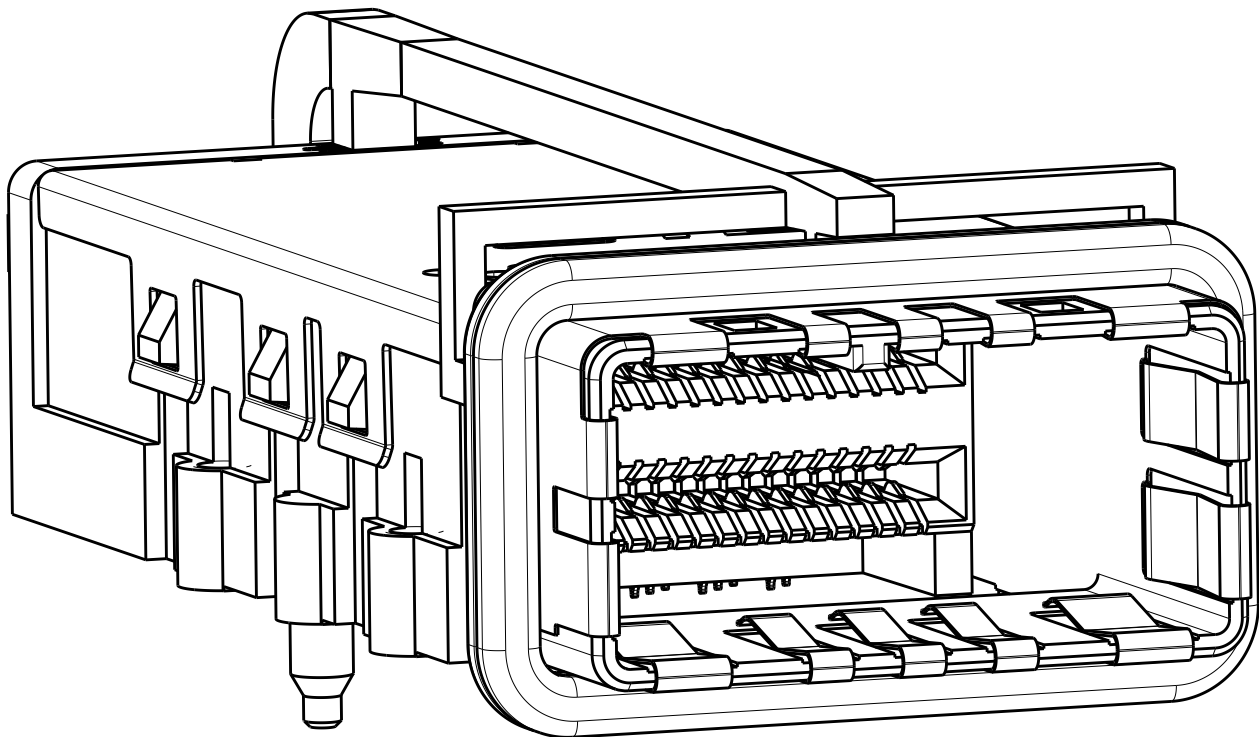
- 7 RECEPTACLE HOUSING ASSEMBLY AND LIGHT PIPE PACKAGED
UNASSEMBLED, INDIVIDUALLY IN TRAYS.

- 8 RECEPTACLE HOUSING ASSEMBLY AND LIGHT PIPE PACKAGED
ASSEMBLED.



RECEPTACLE HOUSING
ASSEMBLY

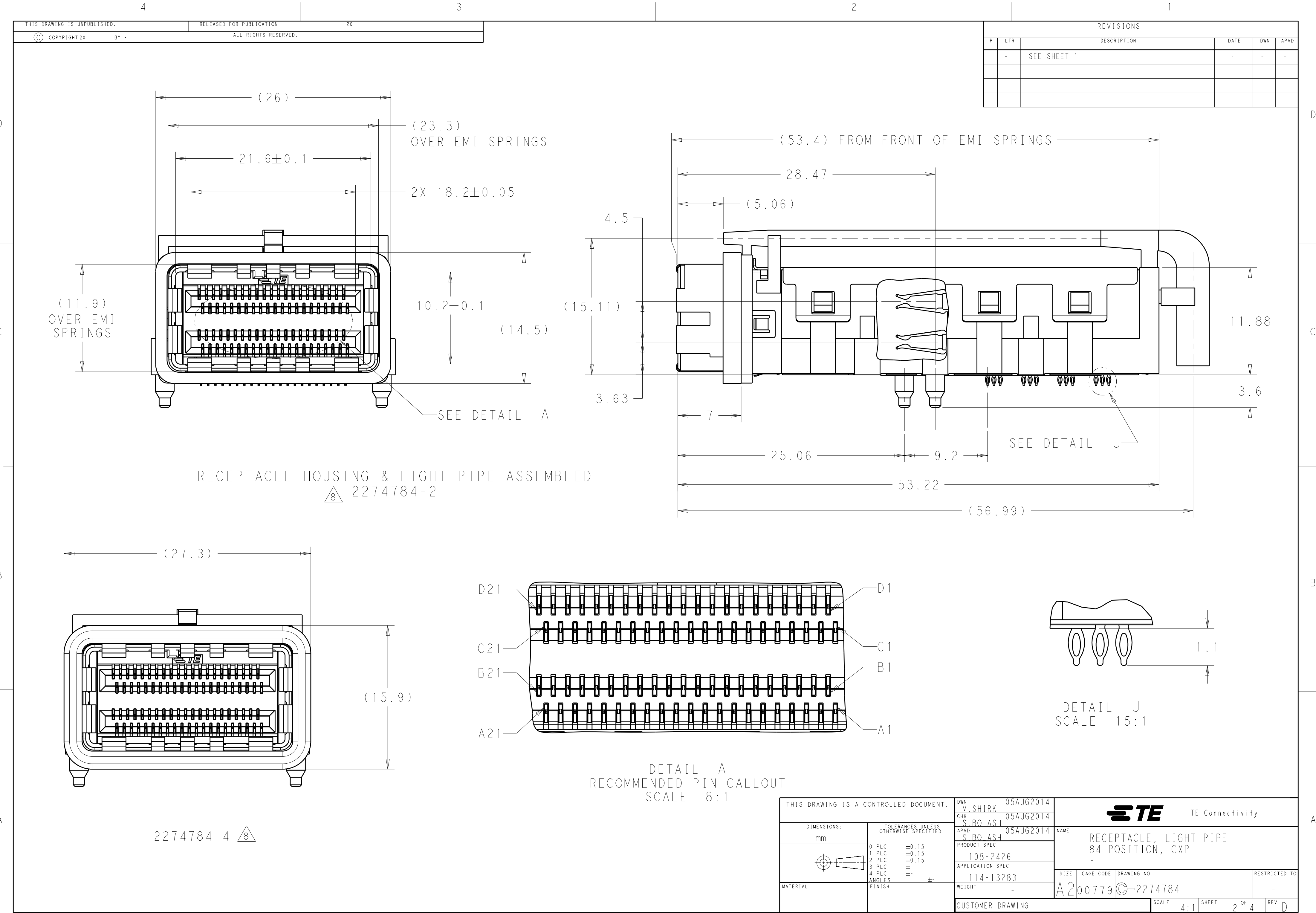
2274784-1

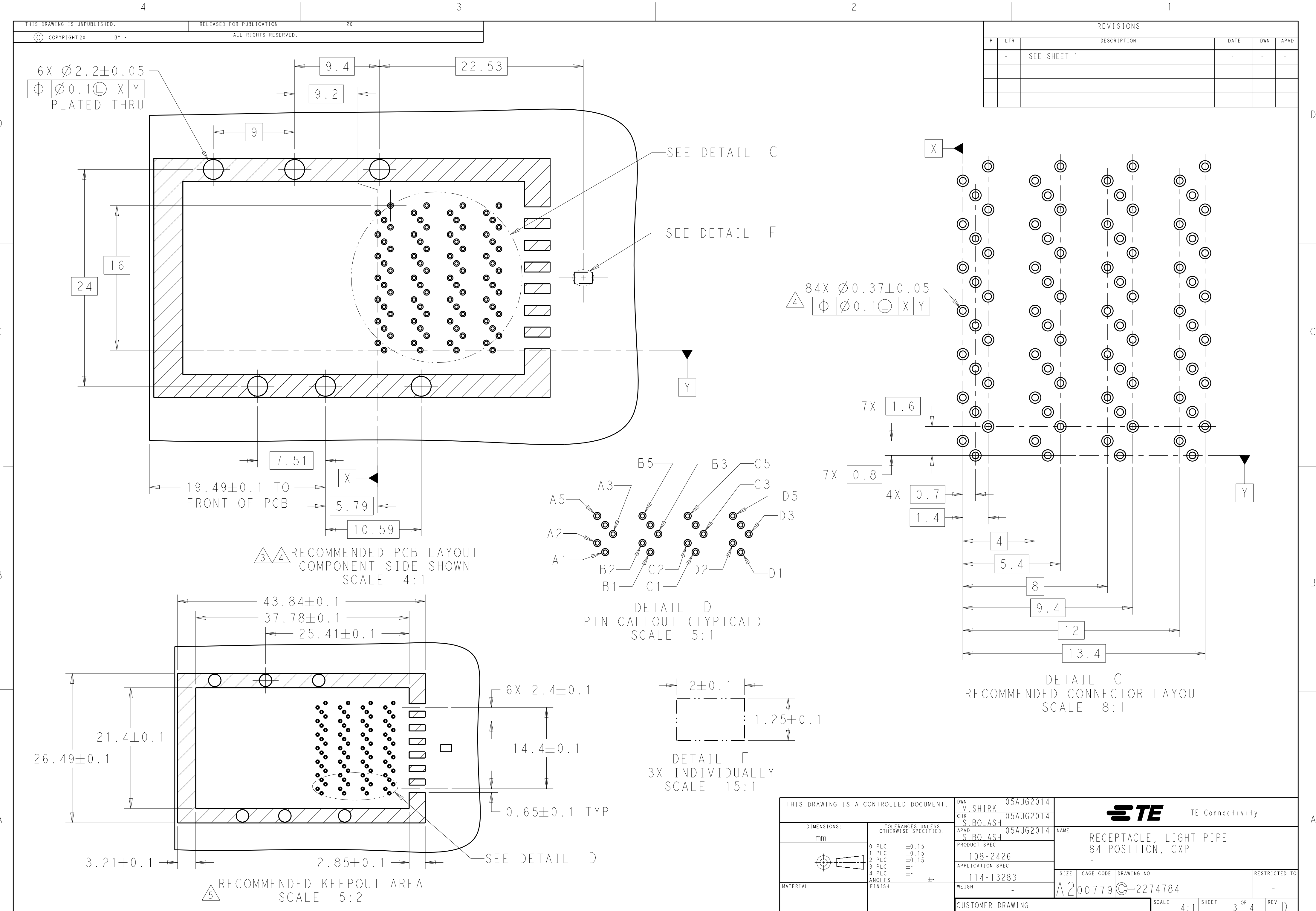


2274784-3

SILVER PLATED COPPER IN SILICONE	8	2274784-4
	7	2274784-3
CONDUCTIVE URETHANE FOAM	8	2274784-2
	7	2274784-1
EMI GASKET	NOTES	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SHIRK 05AUG2014	TE Connectivity			
DIMENSIONS: mm		CHK S. BOLASH 05AUG2014				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. BOLASH 05AUG2014	NAME RECEPTACLE, LIGHT PIPE 84 POSITION, CXP			
0 PLC ±0.15 1 PLC ±0.15 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC 108-2426 APPLICATION SPEC 114-13283 WEIGHT -	SIZE A200779		DRAWING NO C-2274784	RESTRICTED TO -
MATERIAL 1		CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 4	REV D





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

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

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BY -

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6X Ø2.2±0.05

Ø0.1

XY

PLATED THRU

9.4

22.53

9.2

9

16

24

7.51

19.49±0.1 TO FRONT OF PCB

5.79

10.59

SEE DETAIL C

SEE DETAIL F

Y

RECOMMENDED PCB LAYOUT COMPONENT SIDE SHOWN

SCALE 4:1

43.84±0.1

37.78±0.1

25.41±0.1

21.4±0.1

26.49±0.1

3.21±0.1

2.85±0.1

6X 2.4±0.1

14.4±0.1

0.65±0.1 TYP

SEE DETAIL D

RECOMMENDED KEEPOUT AREA

SCALE 5:2

DETAIL D PIN CALLOUT (TYPICAL)

SCALE 5:1

2±0.1

1.25±0.1

DETAIL F 3X INDIVIDUALLY

SCALE 15:1

84X Ø0.37±0.05

Ø0.1

XY

7X 1.6

7X 0.8

4X 0.7

1.4

4

5.4

8

9.4

12

13.4

DETAIL C RECOMMENDED CONNECTOR LAYOUT

SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN M. SHIRK 05AUG2014

CHK S. BOLASH 05AUG2014

APVD S. BOLASH 05AUG2014

PRODUCT SPEC 108-2426

APPLICATION SPEC 114-13283

WEIGHT -

CUSTOMER DRAWING

SCALE 4:1

SHEET 3 OF 4

REV D

TE Connectivity

RECEPTACLE, LIGHT PIPE 84 POSITION, CXP

SIZE CAGE CODE DRAWING NO

RESTRICTED TO

A200779C-2274784

