

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.
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 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 PRODUCT
SPECIFICATION 108-2331, BASED ON
EIA/ECA-364-1000.01A, (CONTROLLED
ENVIRONMENT APPLICATIONS) ON
MATING INTERFACE, TIN ON NEEDLE EYE.

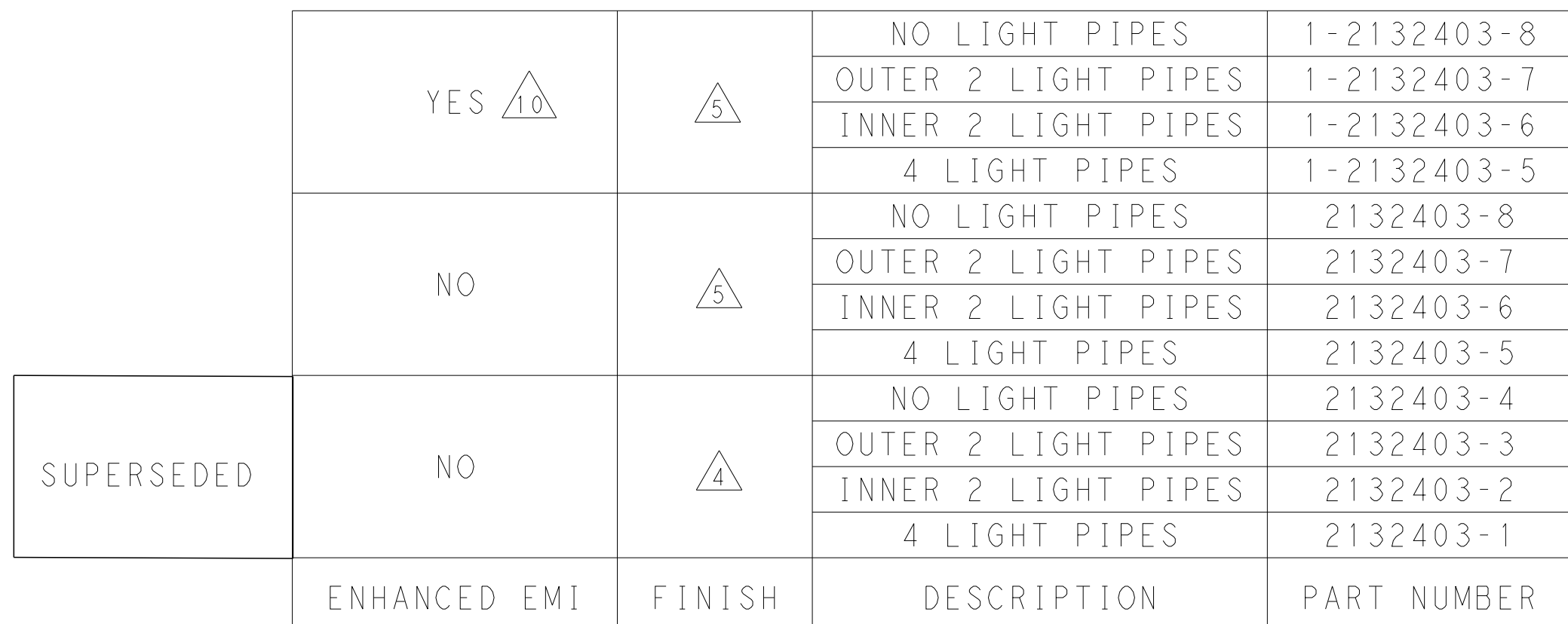
⑥ FOR HOLE SIZE AND PLATINGS, SEE
APPLICATION SPEC 114-13219.

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.

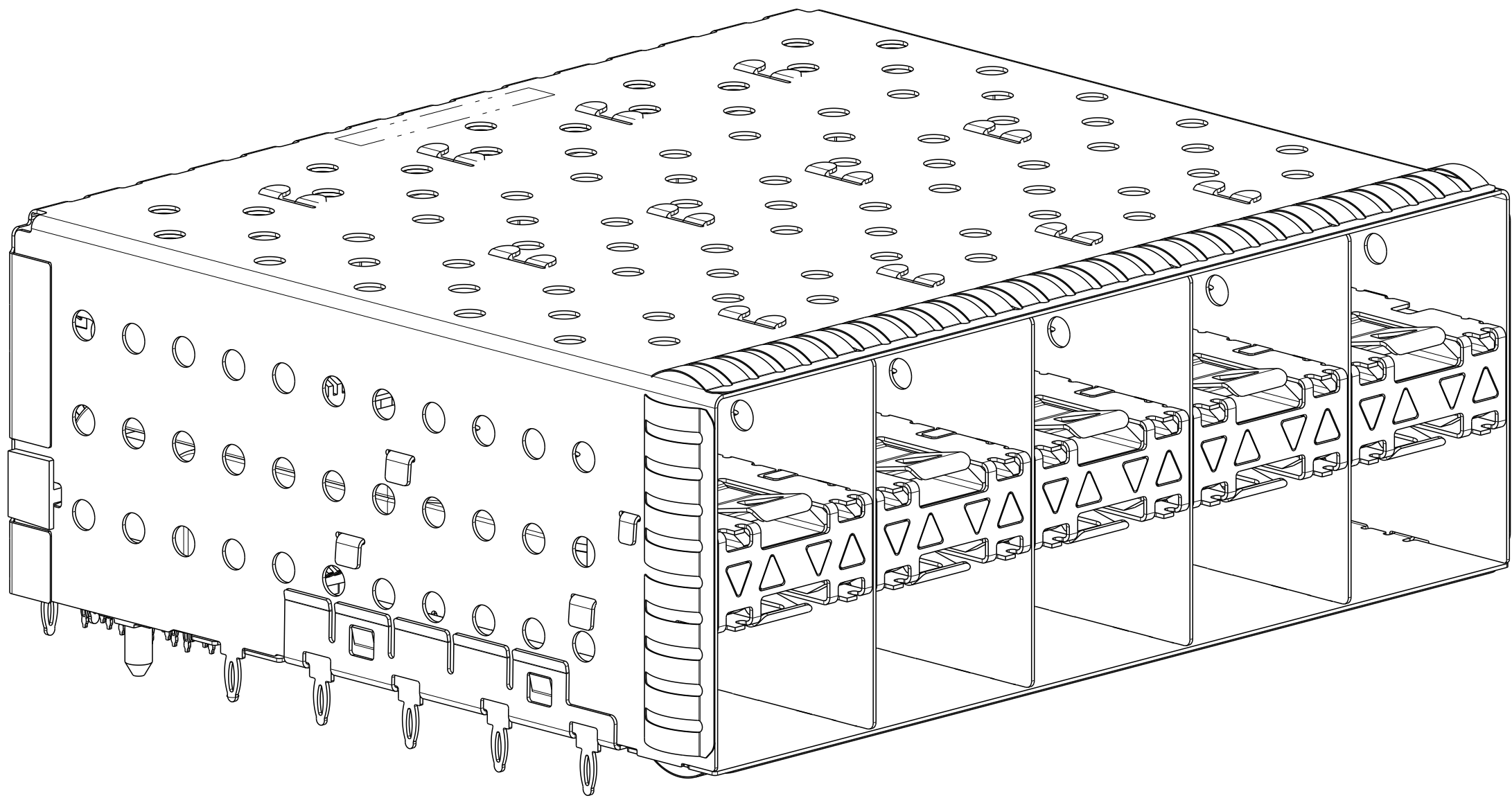
⑧ LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW
PROFILE LED PACKAGE WITH A HEIGHT OF
0.8mm.

⑨ EMI SPRING FINISH: 0.8 μ m MINIMUM MATTE
TIN OVER 0.8 μ m MINIMUM NICKEL,
NON-PLATED EDGES PERMISSIBLE.

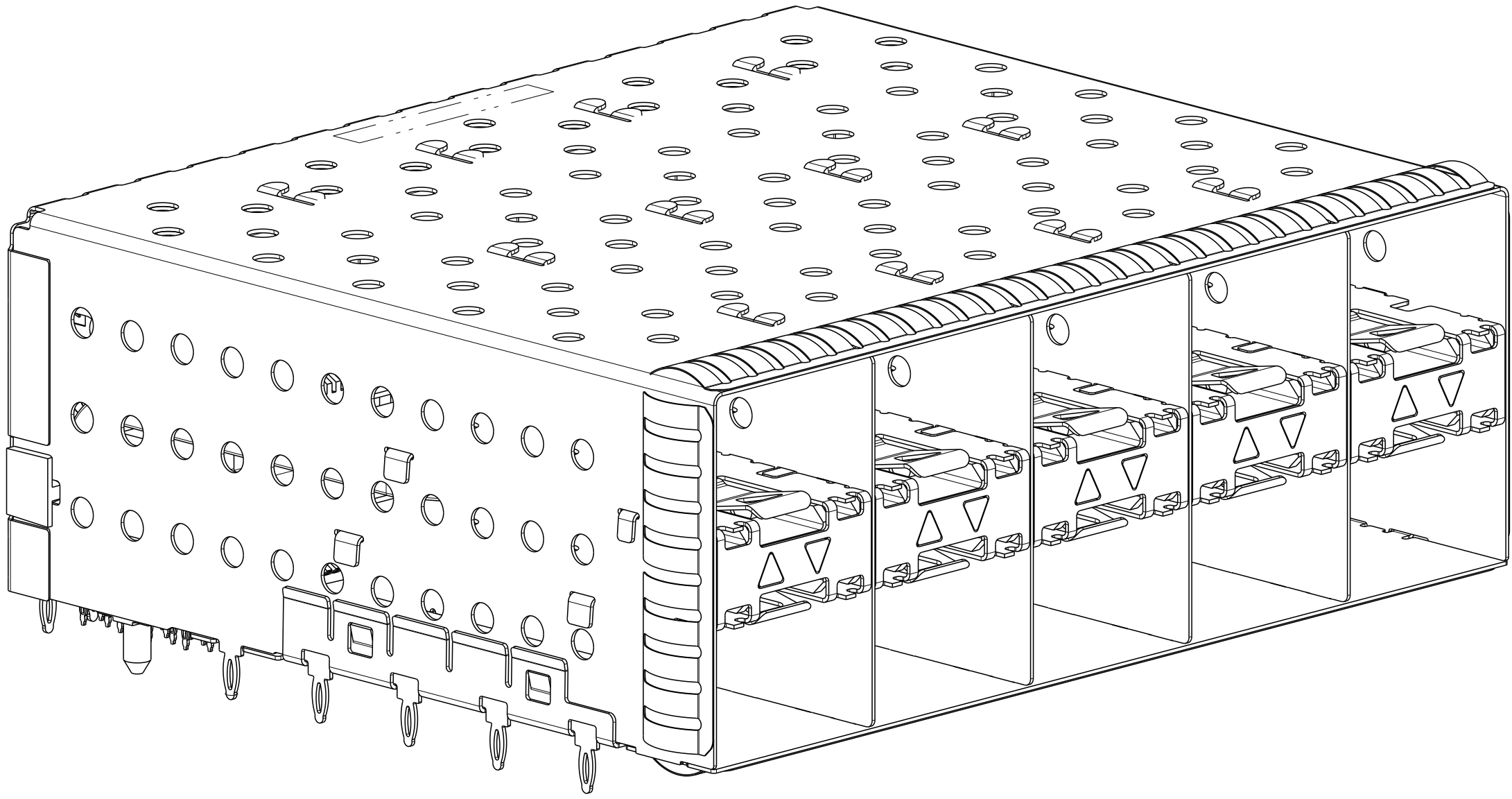
⑩ ADDITIONAL COMPONENT LOCATED WITHIN
LATCH PLATE FOR EMI SUPPRESSION.

4805 (3/11)

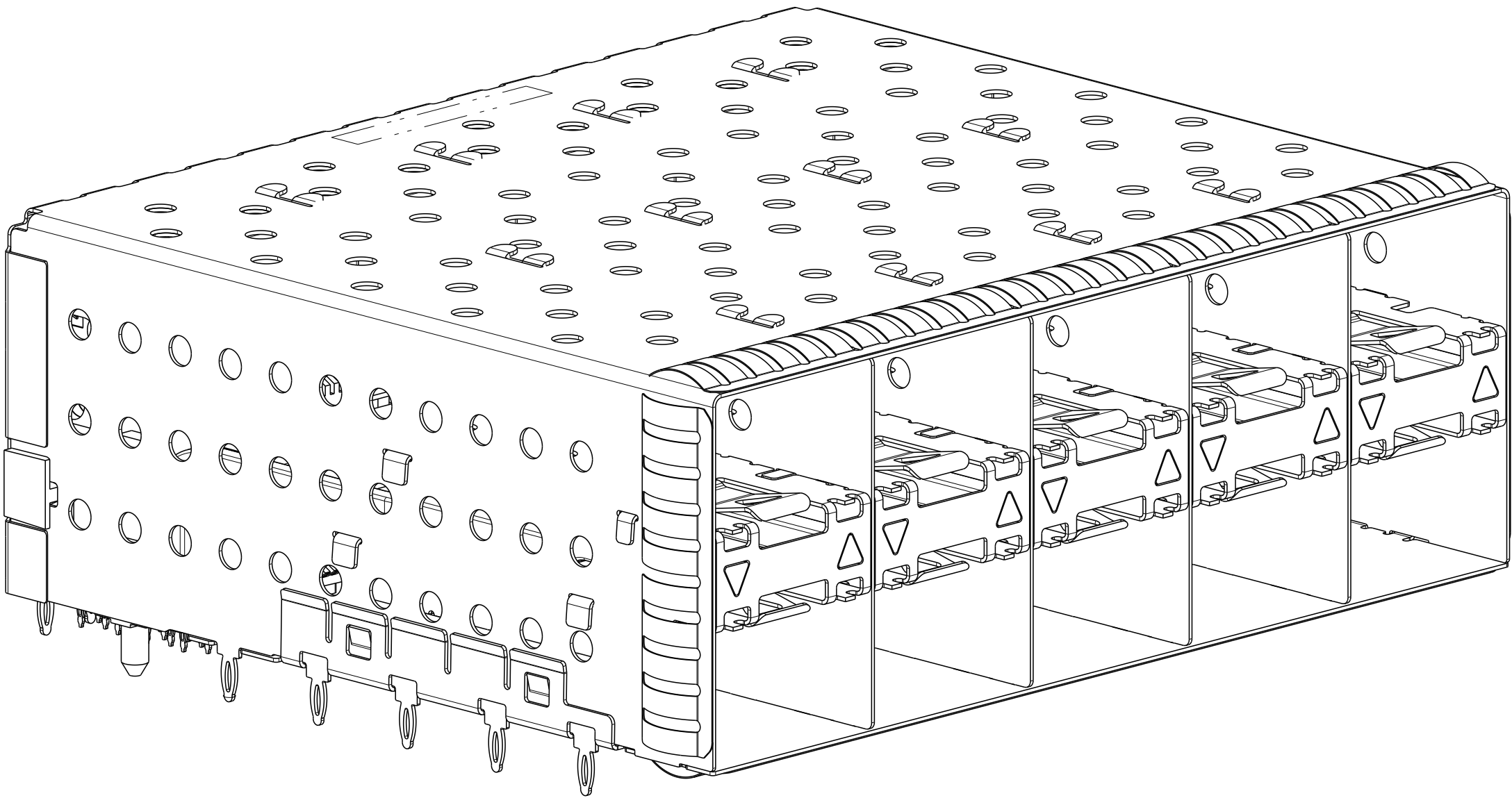
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-		SEE SHEET 1		-	-	-	



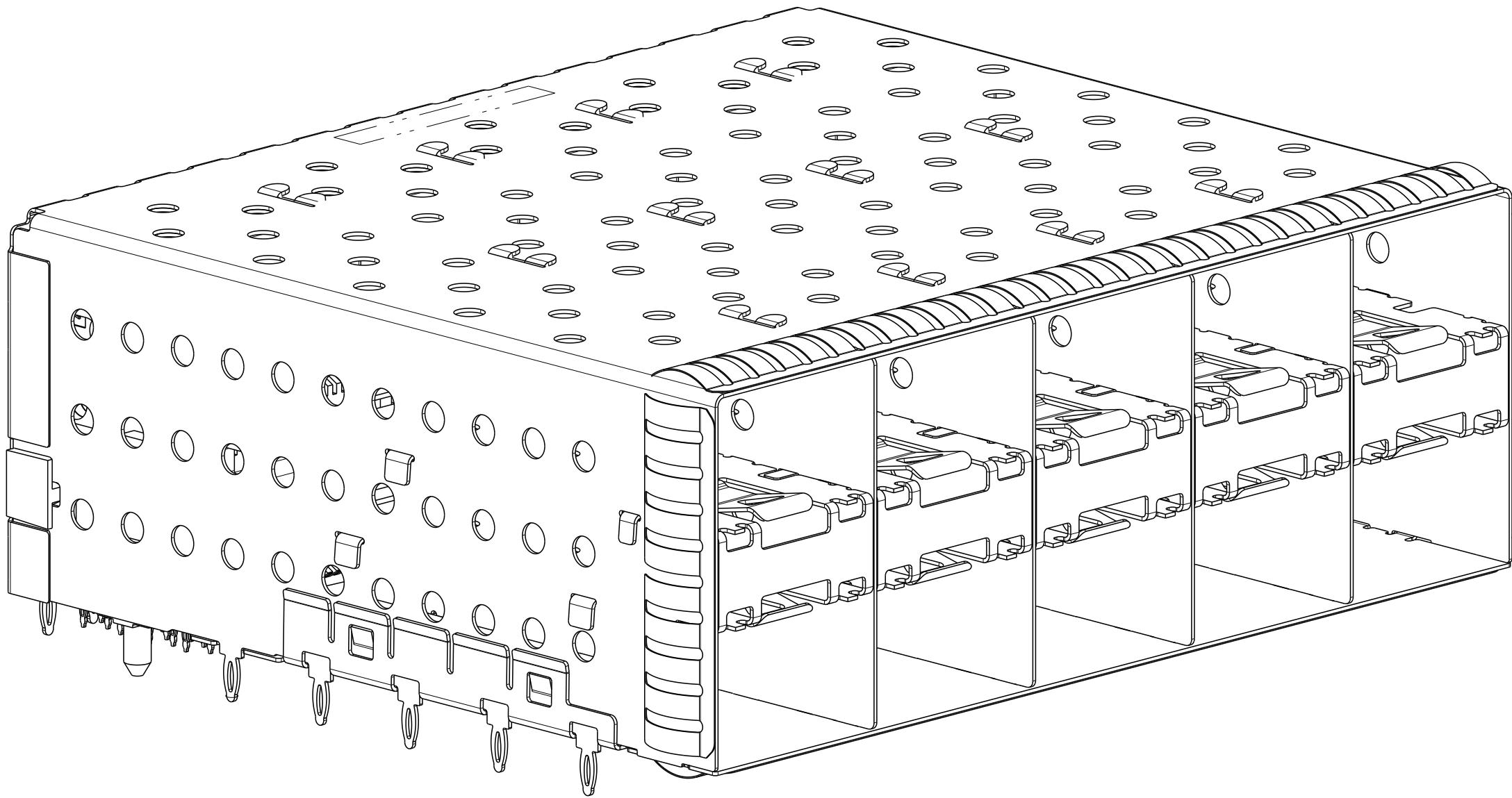
2132403-5 AND 1-2132403-5
SCALE 3:1



2132403-6 AND 1-2132403-6
SCALE 3:1



2132403-7 AND 1-2132403-7
SCALE 3:1



2132403-8 AND 1-2132403-8
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING
PER ASME Y14.5M-2009

DIMENSIONS:
mm

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±
4 PLC ±
ANGLES ±
FINISH

DWN C. VALENTINE 06JAN2010
CHK J. PETERSON 06JAN2010
APVD J. PETERSON 06JAN2010

PRODUCT SPEC
108-2331
APPLICATION SPEC
114-13219
WEIGHT

CUSTOMER DRAWING

NAME
CAGE AND PT CONNECTOR ASSEMBLY,
WITH EMI SPRINGS,
PRESS FIT, 2X5, STACKED SFP+

SIZE
A1

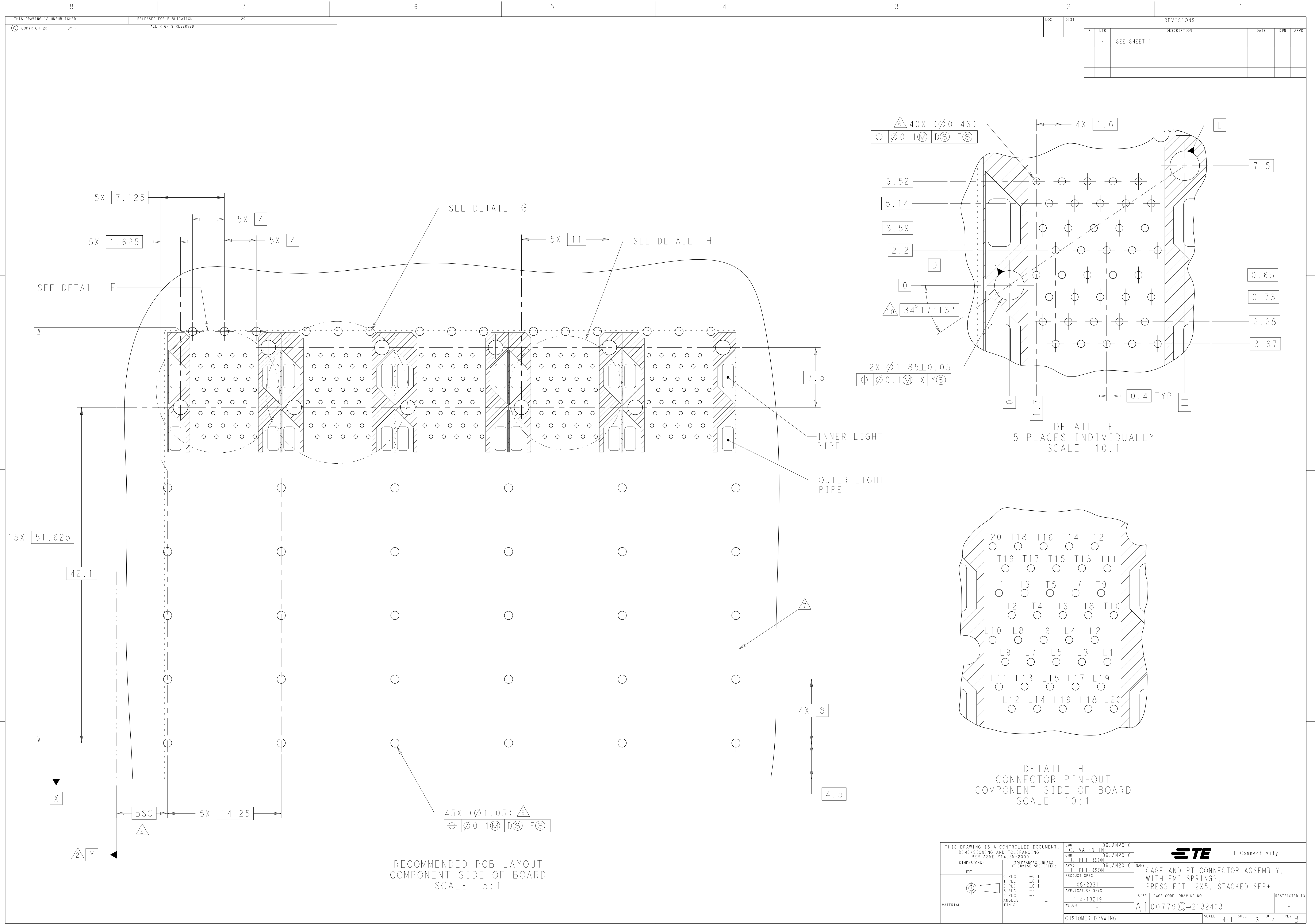
CAGE CODE
00779

DRAWING NO
C=2132403

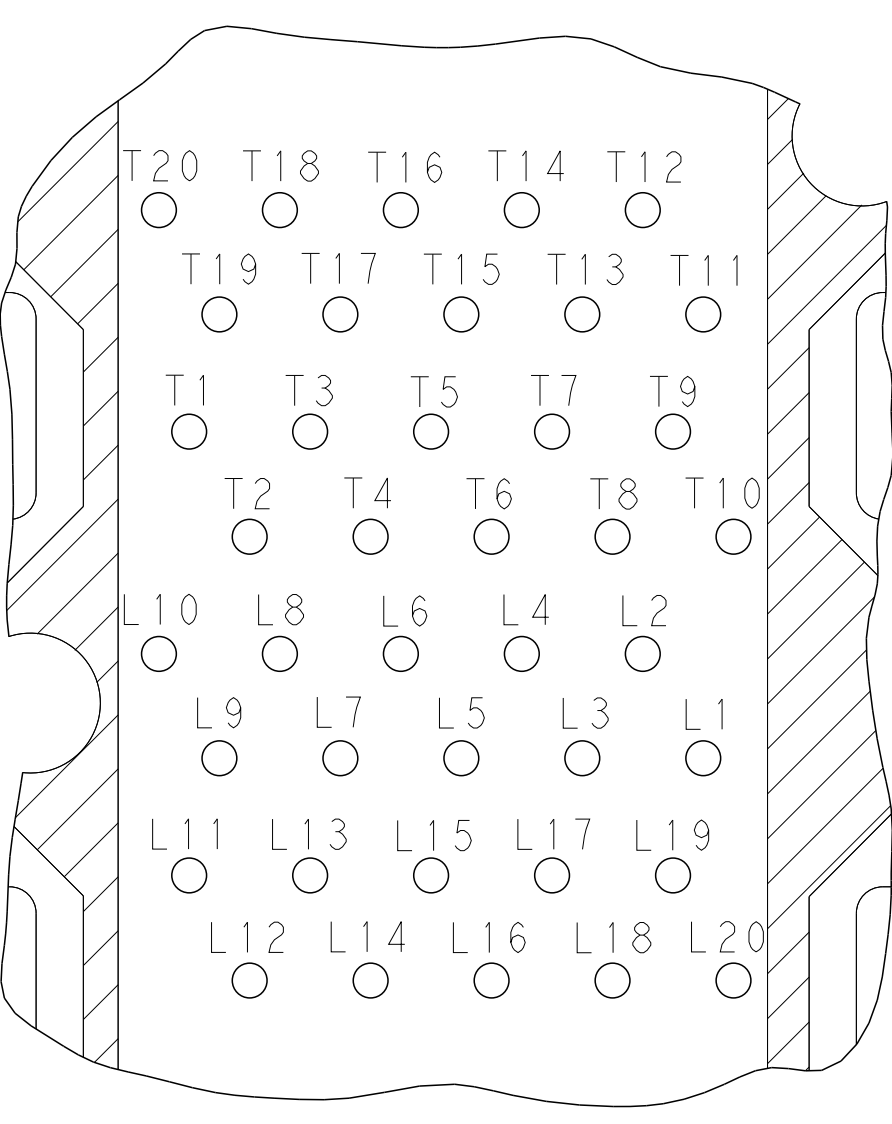
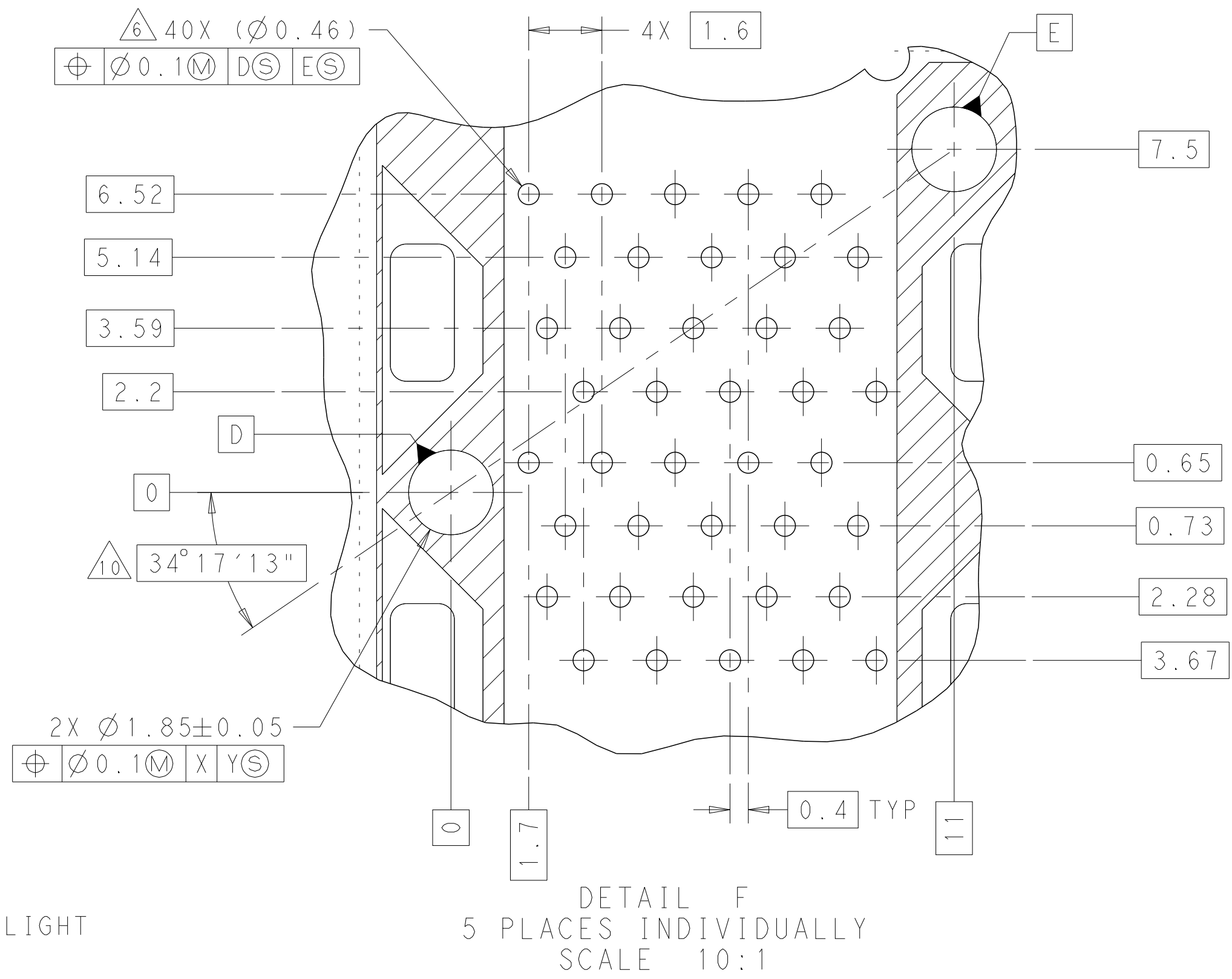
RESTRICTED TO
-

TE Connectivity

SCALE 4:1 SHEET 2 OF 4 REV B

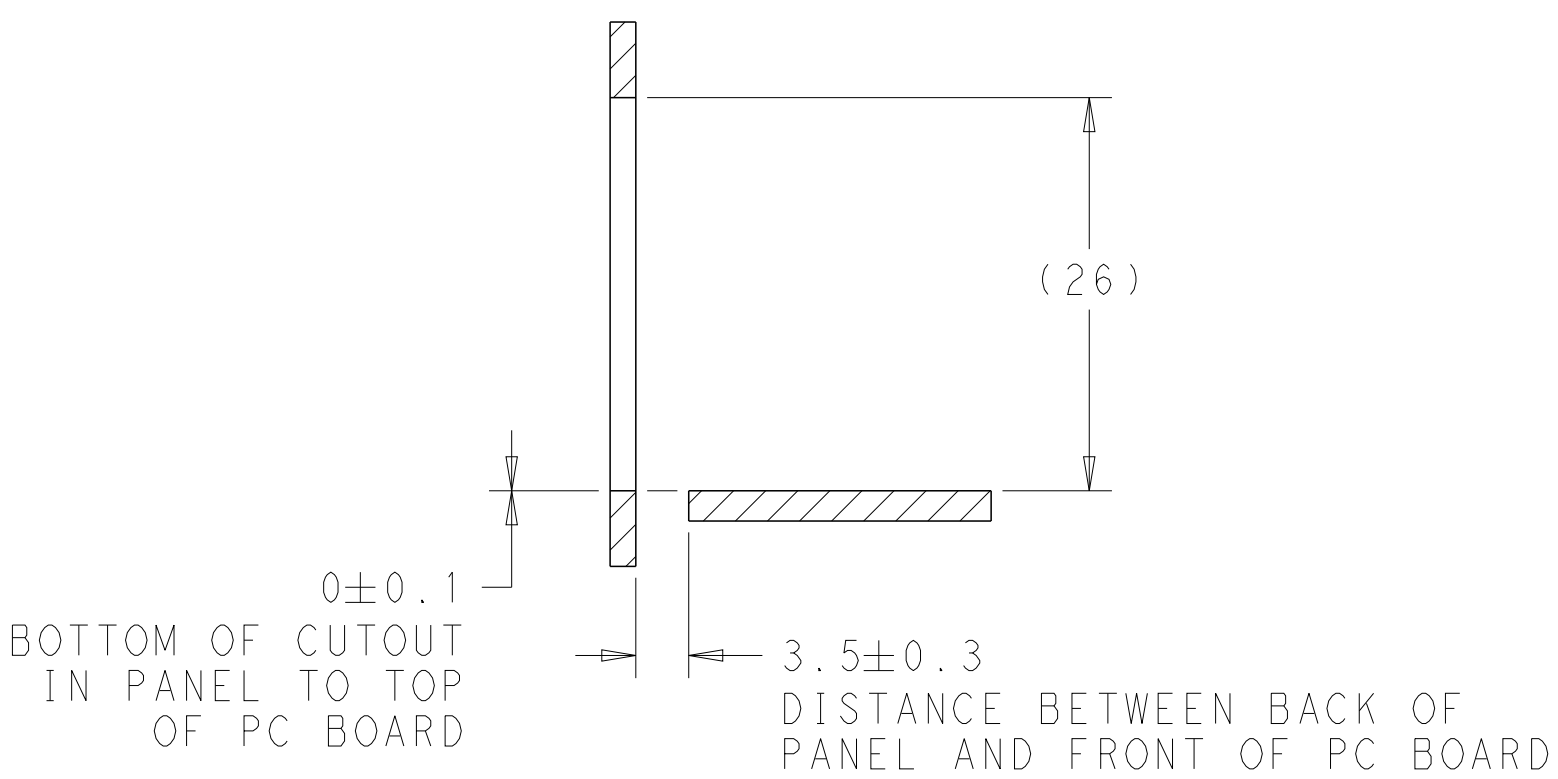


RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD
SCALE 5:1





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		OWN C. VALENTINE CHK J. PETERSON APVD J. PETERSON	06JAN2010 06JAN2010 06JAN2010	NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X5, STACKED SFP+	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC.	108-2331	SIZE	CAGE CODE
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	0.1 0.1 0.1 ± ± ± ±	APPLICATION SPEC	114-13219	WEIGHT	-
MATERIAL		CUSTOMER DRAWING		SCALE	4:1
		SHEET 3 OF 4		REV	B



SECTION U - U

THIS DRAWING IS A CONTROLLED DOCUMENT DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWG. C. VALENTI 06/JAN/2010 CHK. PETERSON 06/JAN/2010 APP'D. PETERSON 06/JAN/2010		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLOC ± 0.1 1 PLOC ± 0.1 2 PLOC ± 0.1 3 PLOC ± 0.1 4 PLOC ± 0.1 ANGLES $\pm 0.5^\circ$ FINISH		CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS. PRESS FIT, 2X5, STACKED SFP+	
MATERIAL		PRODUCT SPEC 108-2331 APPLICATION SPEC 114-13219 WEIGHT -		SIZE CAGE CODE DRAWING NO. RESTRICTED TO A1 00779 C=2132403 -	
CUSTOMER DRAWING				SCALE 4:1 SHEET 4 OF 4 REV B	

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[1-2132403-8](#)