

LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		F3	REVISED PER ECO-18-008086	24MAY2018	IT	SH	
			G	REVISED PER ECN-21-116787	07SEP2021	TP	SZ	
			G1	REVISED PER ECN-21-122057	12OCT2021	TP	SZ	

1 MATERIAL:
CAGE - 0.25mm THICK NICKEL SILVER ALLOY
HEATSINK - ALUMINUM
HEATSINK CLIP - STAINLESS STEEL
EMI SPRING(S) - COPPER ALLOY

2 FINISH:
HEATSINK - ELECTROLESS NICKEL
HEATSINK CLIP - PASSIVATE
EMI SPRING(S) - 0.8µm MIN MATTE TIN OVER 0.8µm MIN NICKEL,
NON-PLATED EDGES PERMISSIBLE.

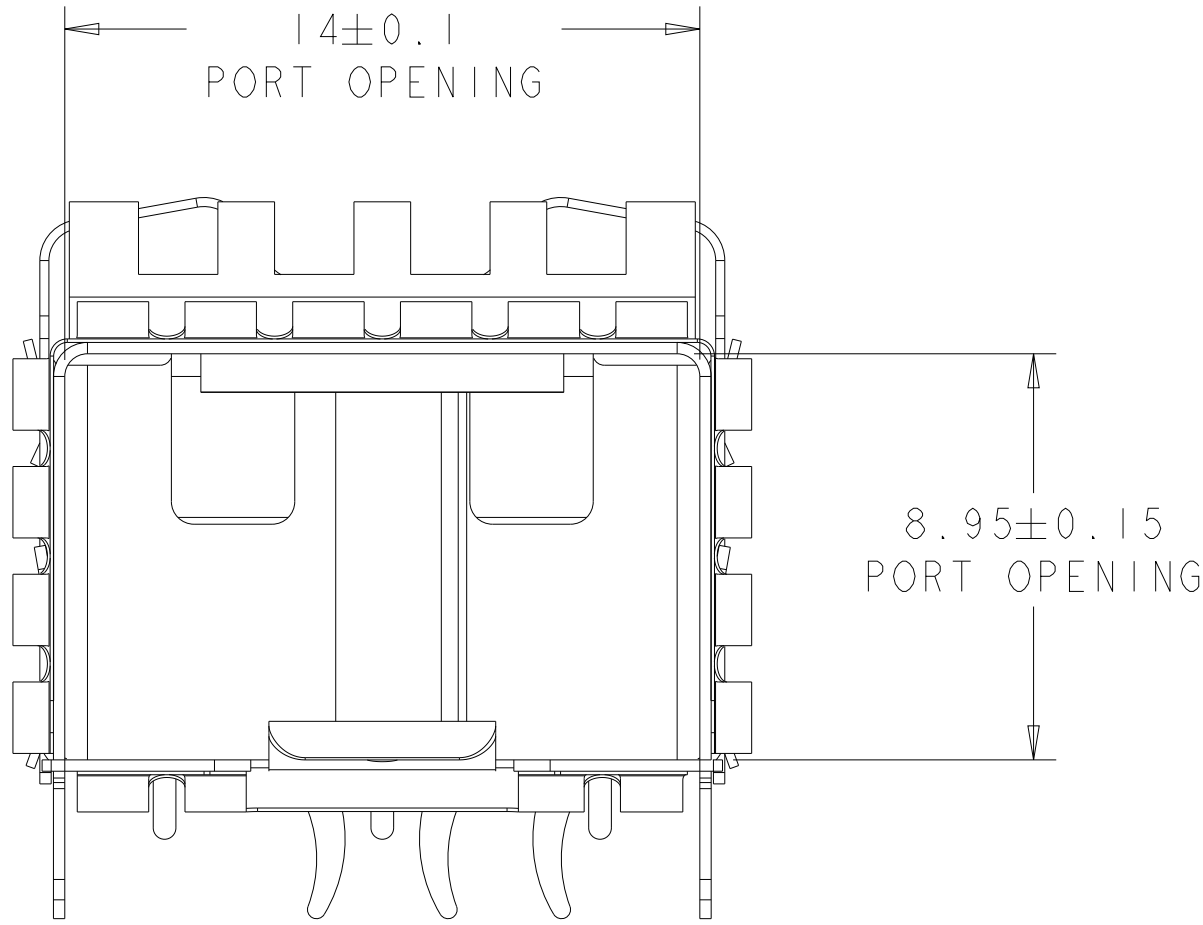
3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.

4 PADS AND VIAS CHASSIS GROUND.

5 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

6. MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.50mm
DOUBLE SIDED = 3.00mm

7 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR
RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.



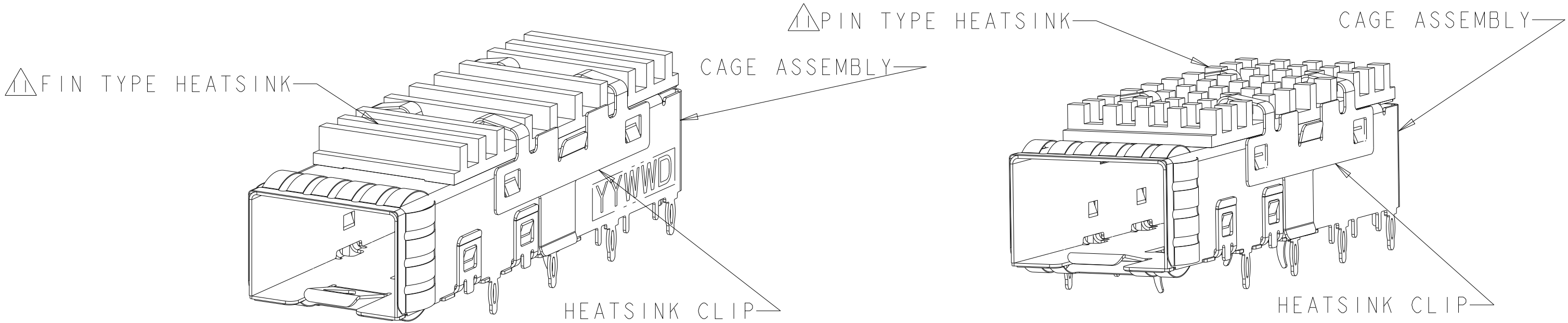
8 REFERENCE APPLICATION SPEC. 114-13120, HOLE C, FOR
RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

9 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.

10. CAGE ASSEMBLY, HEATSINK CLIP AND HEATSINK SHIPPED
ASSEMBLED.

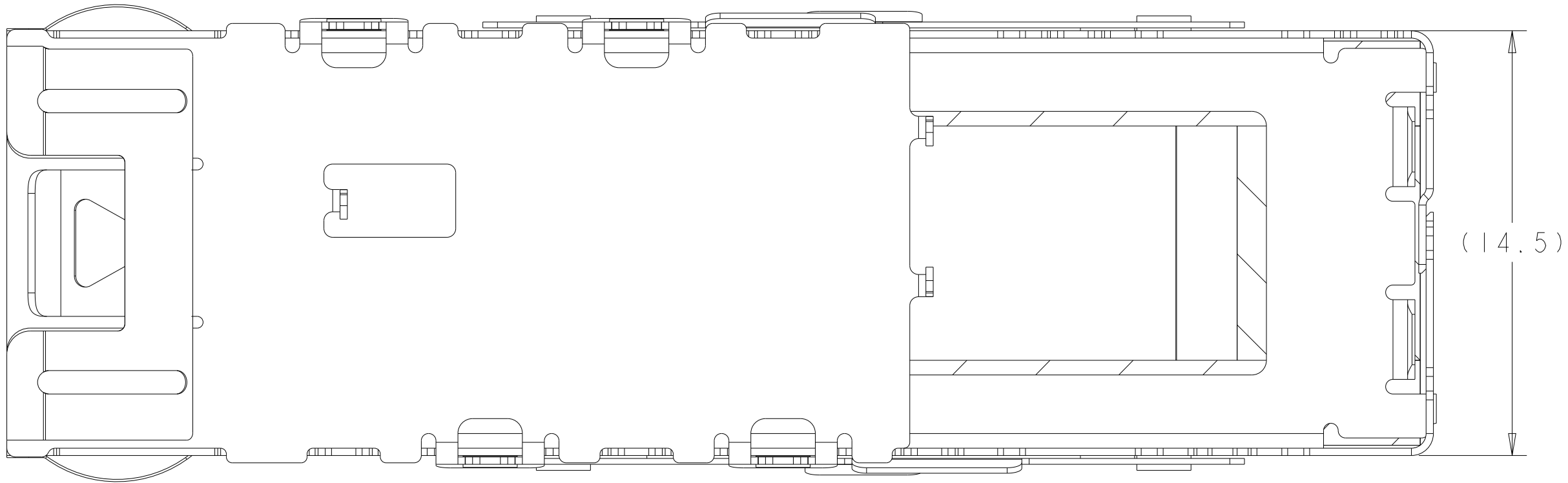
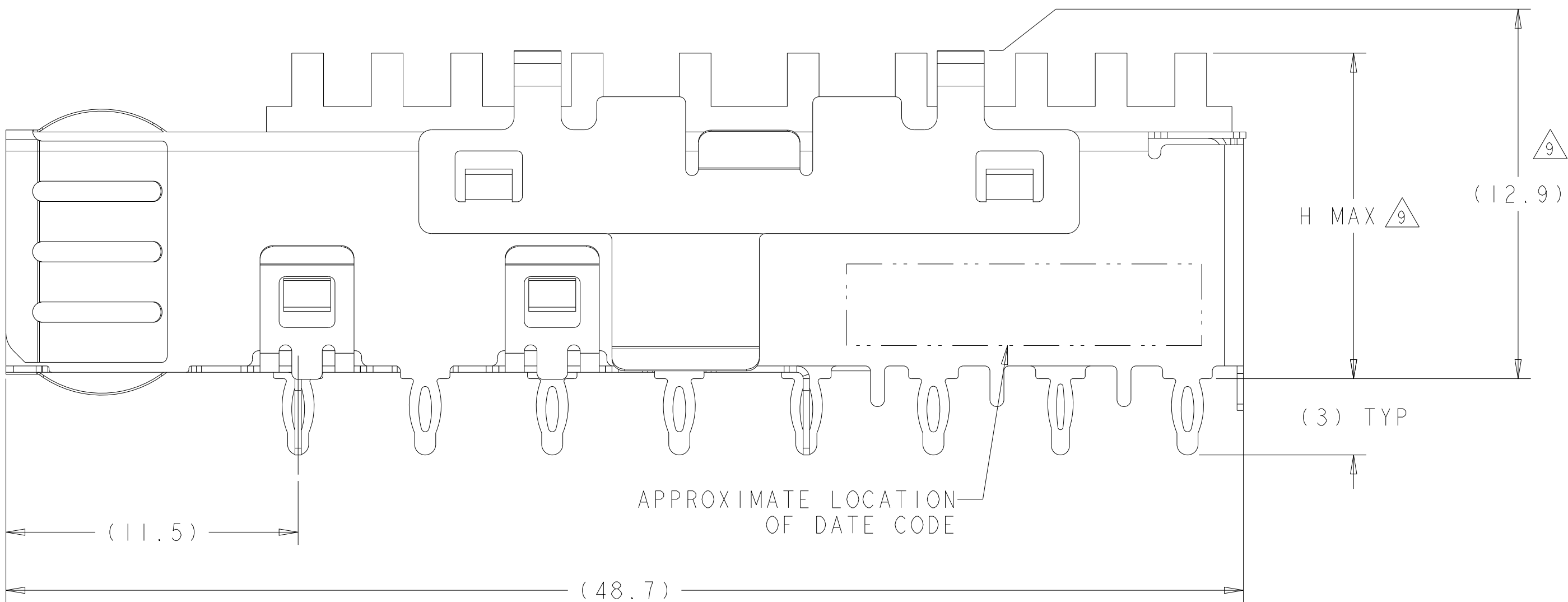
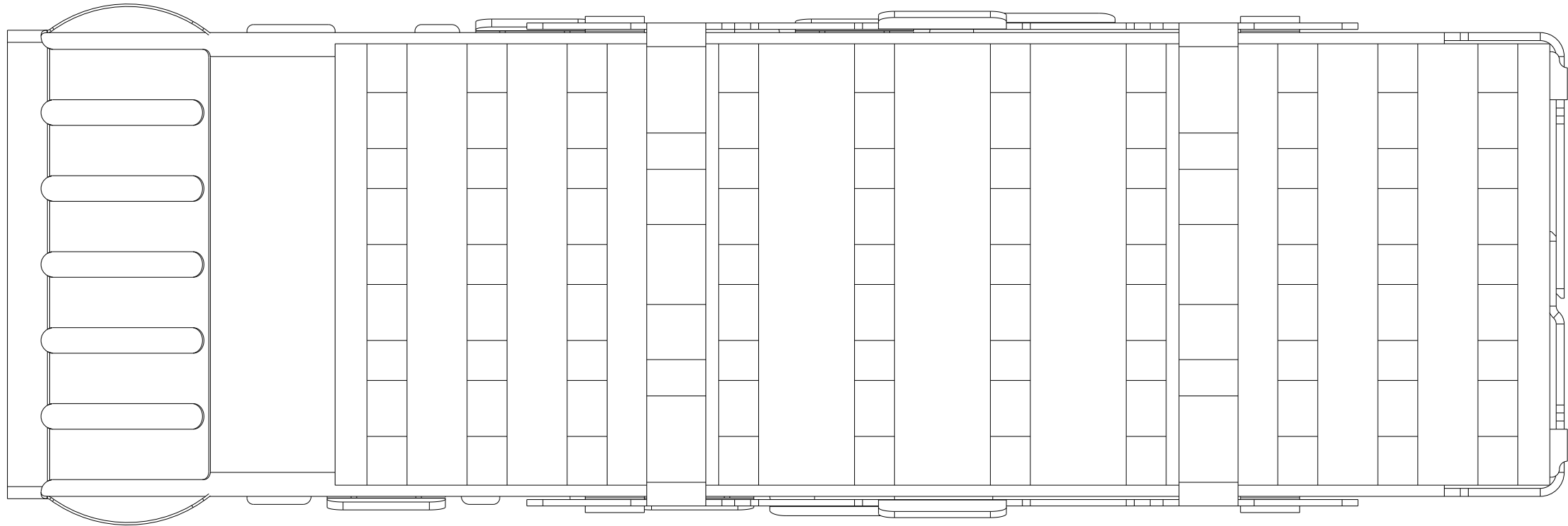
11 HEAT SINK REFERENCE PART NUMBERS:
1829903-2 = 4.2 HIGH - PCI,PIN TYPE
1829904-2 = 6.5 HIGH - SAN,PIN TYPE
1829905-2 = 13.5 HIGH - NETWORKING,PIN TYPE
2170426-4 = 4.2 HIGH - PCI,FIN TYPE
2170427-4 = 6.5 HIGH - SAN,FIN TYPE
2170428-4 = 13.5 HIGH - NETWORKING,FIN TYPE
2399834-1 = 19.2 HIGH - NETWORKING,FIN TYPE

12. REMOVED



2007464-5

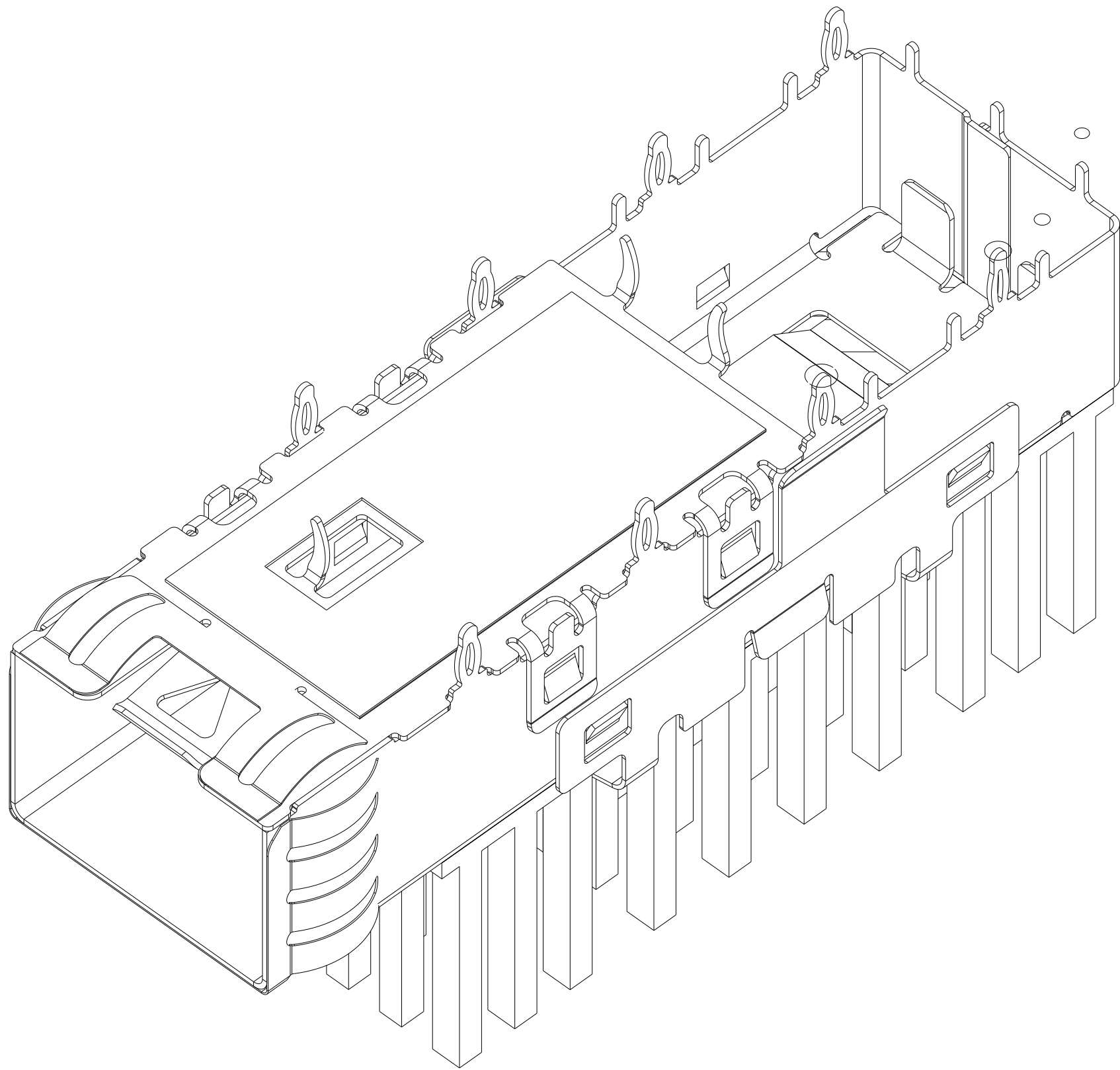
2007464-1



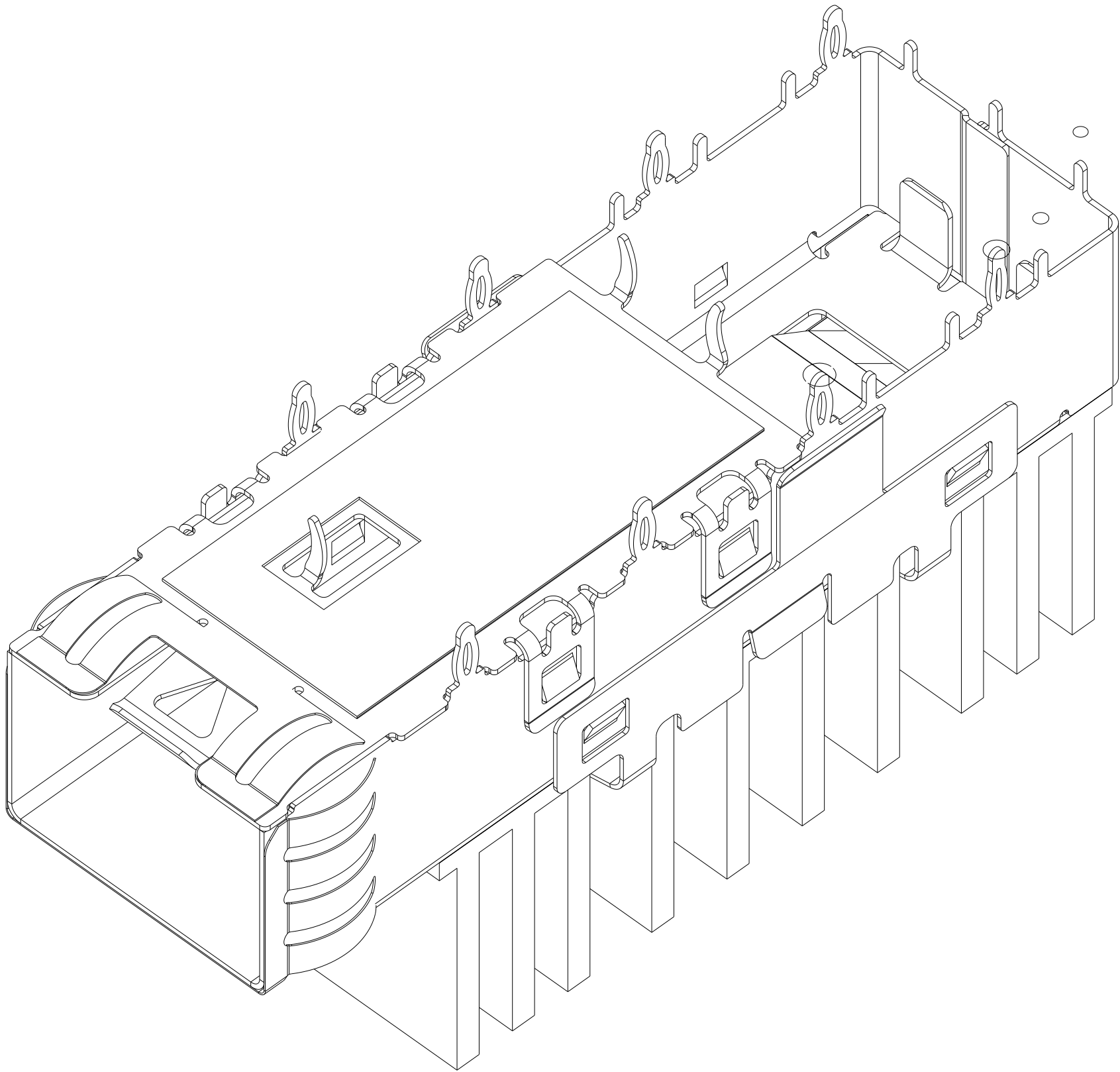
W/O INSULATING TAPE	28.5	NETWORKING	I-2007464-1
W/O INSULATING TAPE	13.5	PCI	I-2007464-0
W/O INSULATING TAPE	13.5	PCI	2007464-9
W/ INSULATING TAPE	22.8	NETWORKING	2007464-8
W/O INSULATING TAPE	22.8	NETWORKING	2007464-7
W/O INSULATING TAPE	15.8	SAN	2007464-6
W/O INSULATING TAPE	13.5	PCI	2007464-5
W/ INSULATING TAPE	22.8	NETWORKING	2007464-4
W/O INSULATING TAPE	22.8	NETWORKING	2007464-3
W/O INSULATING TAPE	15.8	SAN	2007464-2
W/O INSULATING TAPE	13.5	PCI	2007464-1
DESCRIPTION	H MAX	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Z.M.REAM 20NOV2007	TE Connectivity	
DIMENSIONS:		CHK M.R.SCHMITT 20NOV2007		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD R.H.WERTZ 20NOV2007	NAME SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK	
	0 PLC ±0.1	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
	1 PLC ±0.1	108-2364		
	2 PLC ±0.1	APPLICATION SPEC	A100779C=2007464	
	3 PLC ±0.05	114-13120		
MATERIAL	4 PLC ±0.05	WEIGHT	SCALE 6:1 SHEET 1 OF 4 REV G1	
	ANGLES FINISH	Customer Drawing		

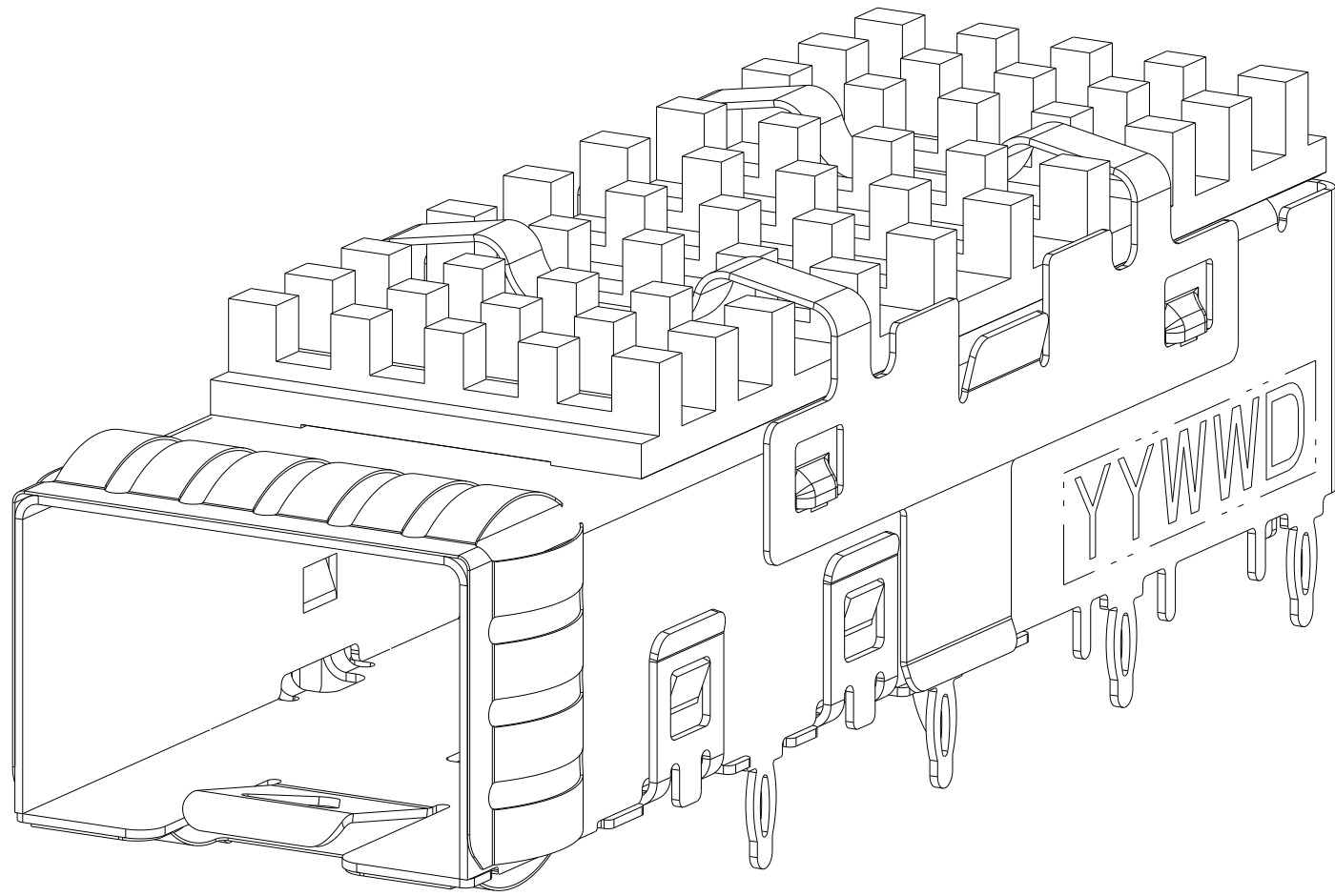
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET 1	-	-	-



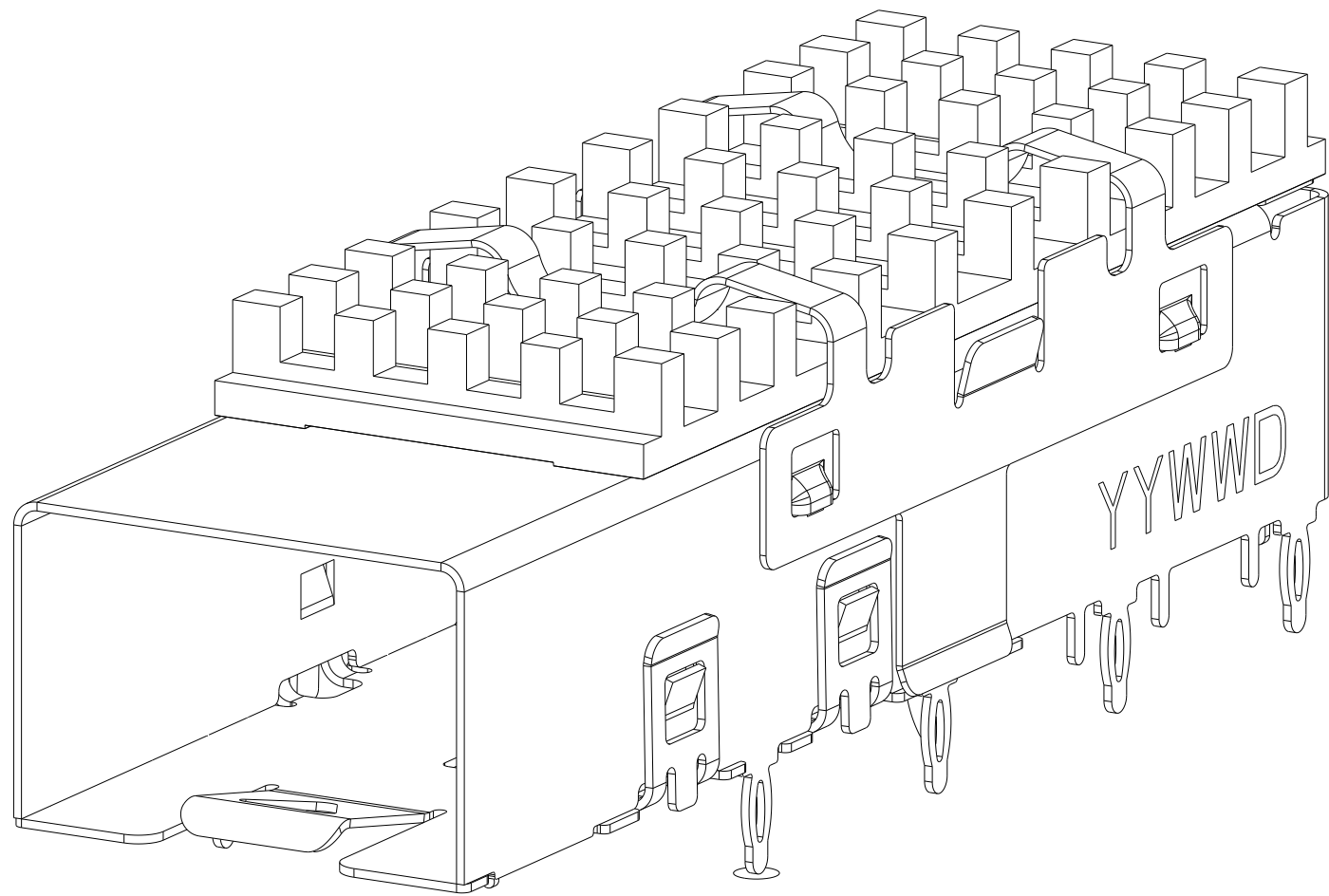
2007464-4 AS SHOWN WITH INSULATING TAPE,PIN TYPE HEAT SINK
2007464-1,2,3 WITHOUT INSULATING TAPE,TAPE,PIN TYPE HEAT SINK



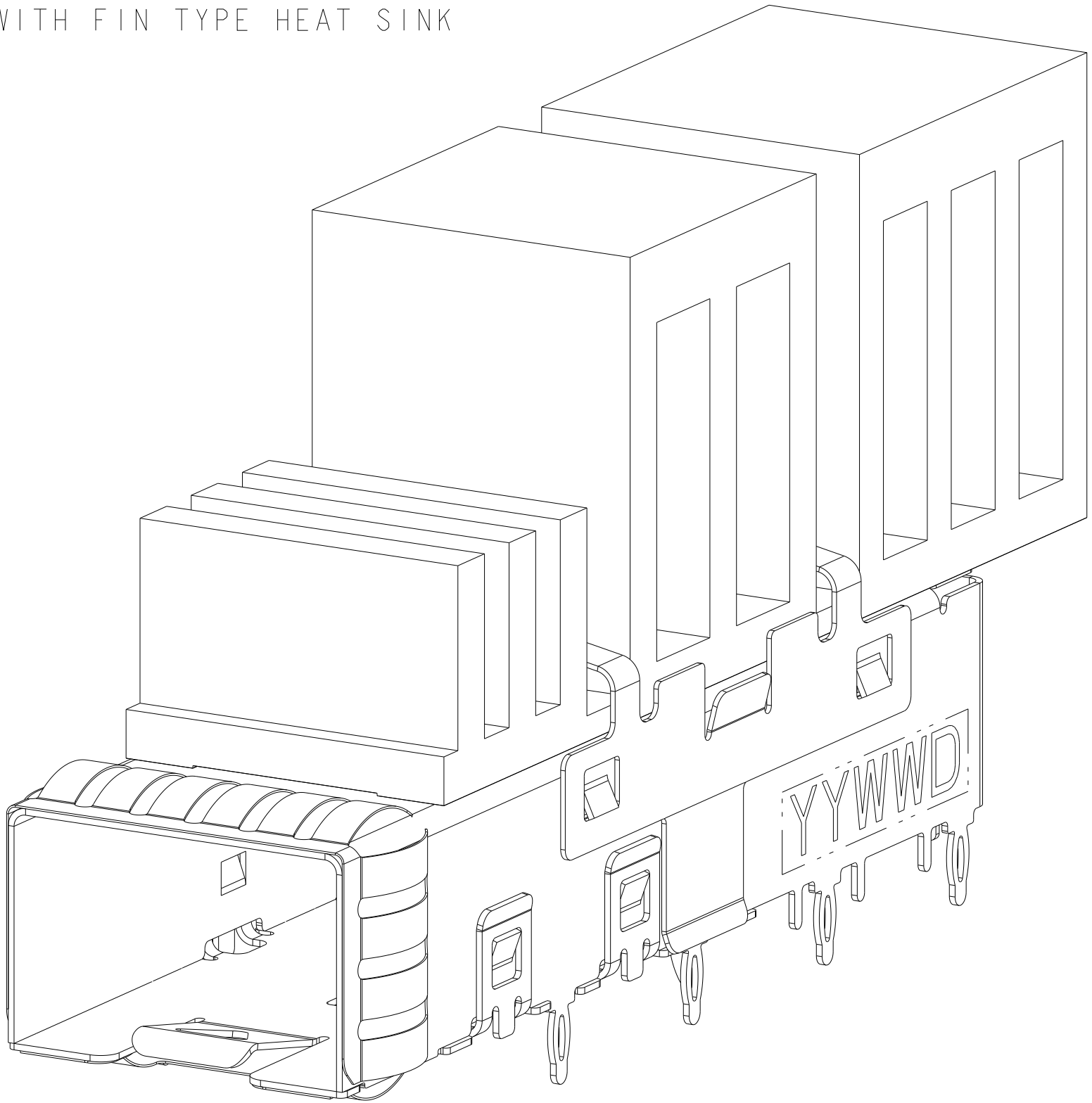
2007464-8 AS SHOWN WITH INSULATING TAPE,WITH FIN TYPE HEAT SINK
2007464-5,6,7 WITHOUT INSULATING TAPE,WITH FIN TYPE HEAT SINK



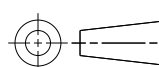
2007464-9 AS SHOWN

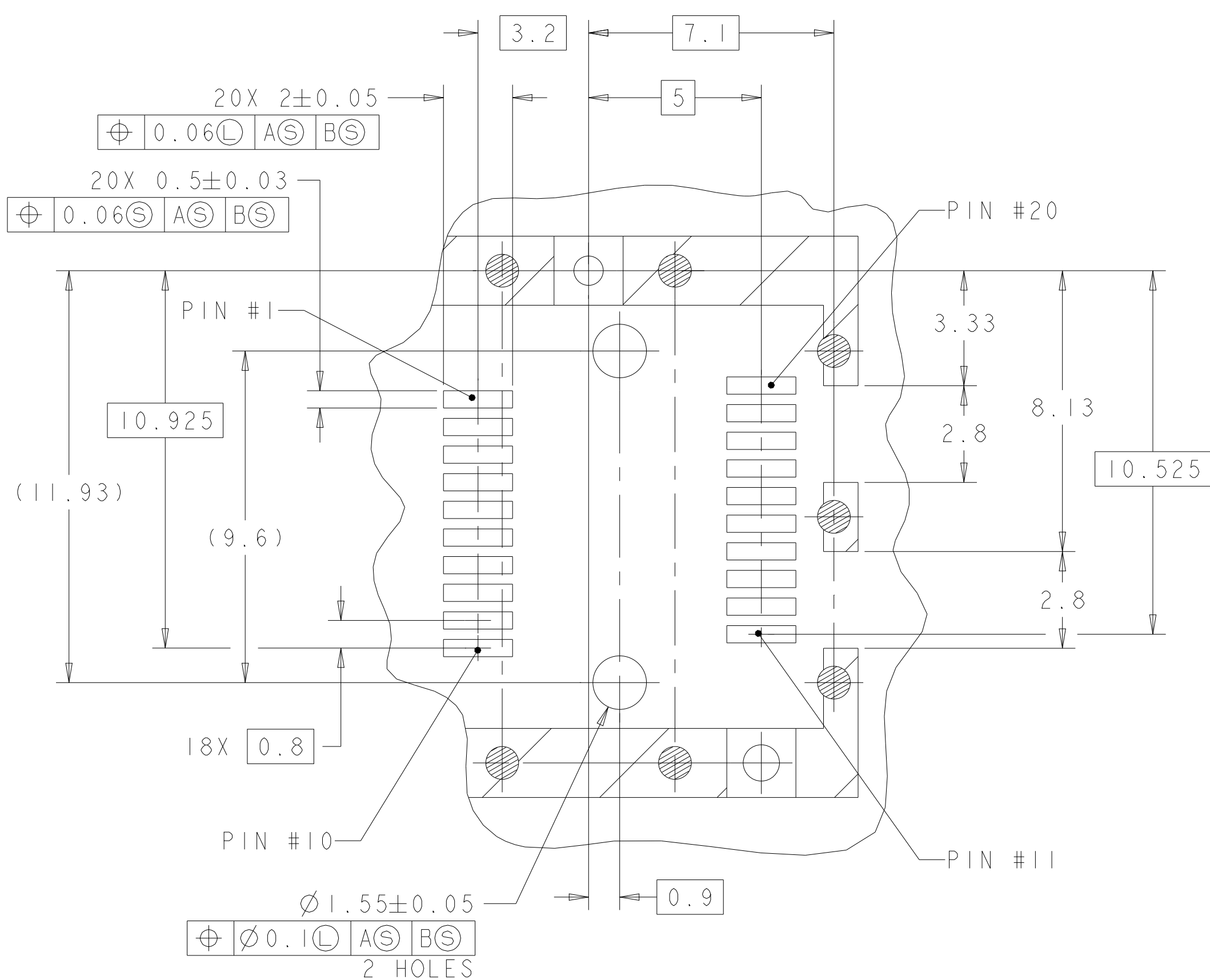


1-2007464-0 AS SHOWN



1-2007464-1 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Z.M.REAM	20NOV2007	 TE Connectivity	
		CHK M.R.SCHMITT	20NOV2007		
DIMENSIONS:		APVD R.H.WERTZ	20NOV2007	NAME SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK	
mm		PRODUCT SPEC		SIZE	
		108-2364		CAGE CODE	
		APPLICATION SPEC		DRAWING NO	
		114-13120		RESTRICTED TO	
		FINISH		A100779C=2007464	
MATERIAL		WEIGHT		Customer Drawing	
				SCALE	
				2	
				SHEET	
				2	
				OF	
				4	
				REV	
				G1	



THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

($\varnothing 0.85$) $\triangle 4$ $\triangle 8$

$\varnothing$	$\varnothing 0.1$	$\odot$	X	Y
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 PLATING REQUIRED

9X $\varnothing 0.95 \pm 0.05$

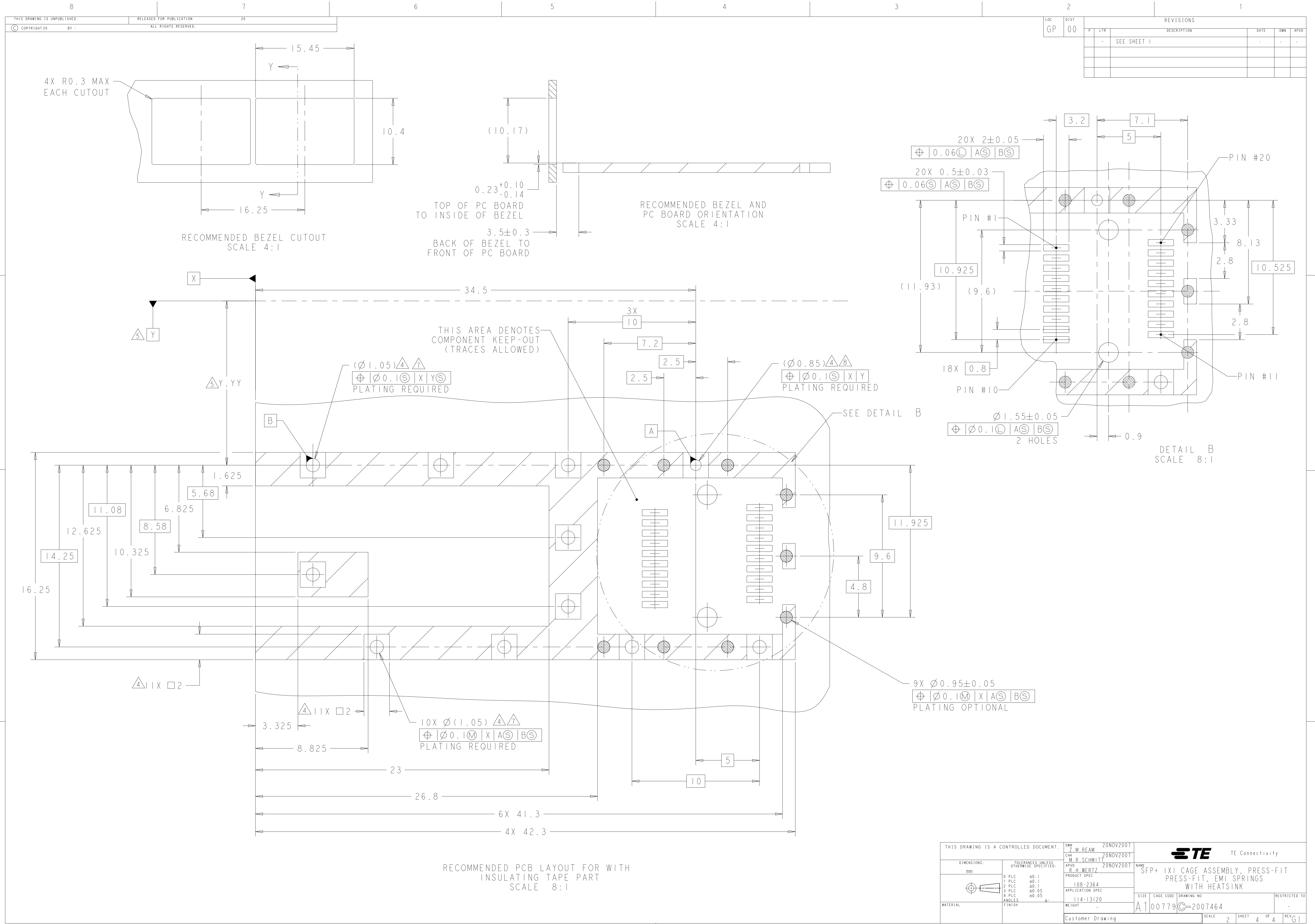
$\oplus$	$\varnothing 0.1 \text{ (M)}$	X	A(S)	B(S)
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PLATING OPTIONAL

-SEE DETAIL A

RECOMMENDED PCB LAYOUT
SCALE 7:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. REAM 20NOV2007 CHG M. R. SCHMITT 20NOV2007 APPD R. H. WERTZ 20NOV2007		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±0.05 ANGLES ±0.05		NAME SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120 SIZE CAGE CODE DRAWING NO A100779C-2007464 WEIGHT - Customer Drawing	
MATERIAL		FINISH		SCALE 2 SHEET 3 OF 4 REV G	



LOC		DIST		REVISES			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Z. M. REAM 20NOV2007	 TE Connectivity	
DIMENSIONS:		CHK M. R. SCHMITT 20NOV2007		
mm		APVD R. H. WERTZ 20NOV2007	NAME SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK	
		PRODUCT SPEC 108-2364	SIZE A1	
		APPLICATION SPEC 114-13120	CAGE CODE DRAWING NO C=2007464	
MATERIAL		WEIGHT -	RESTRICTED TO -	
		Customer Drawing	SCALE 2	SHEET 4 OF 4
			REV G1	

Mouser Electronics

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[TE Connectivity:](#)

[2007464-2](#)