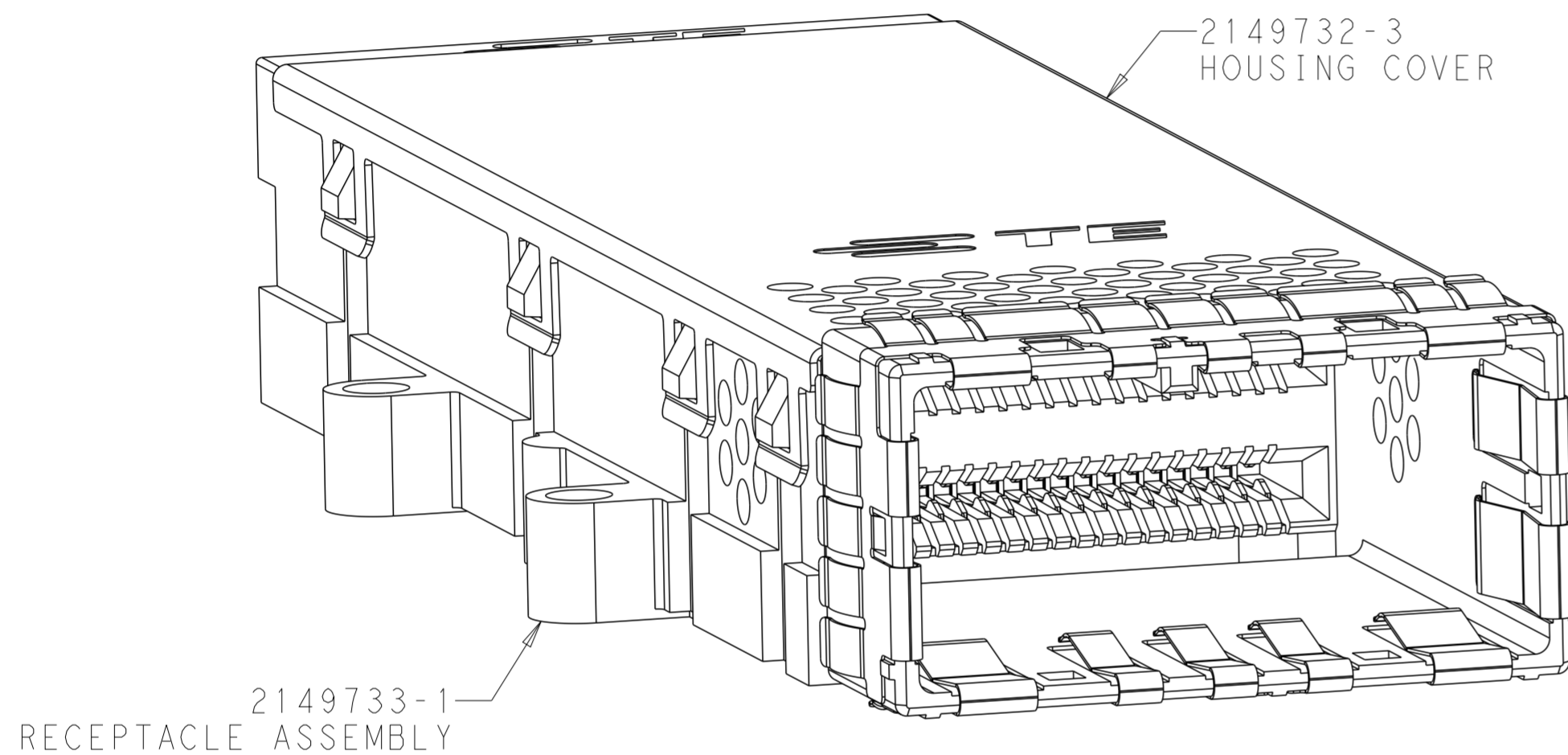


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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A		RELEASED ECO-14-003843	31MAR2014	LAW SB



2149731-1  
SCALE 5:1

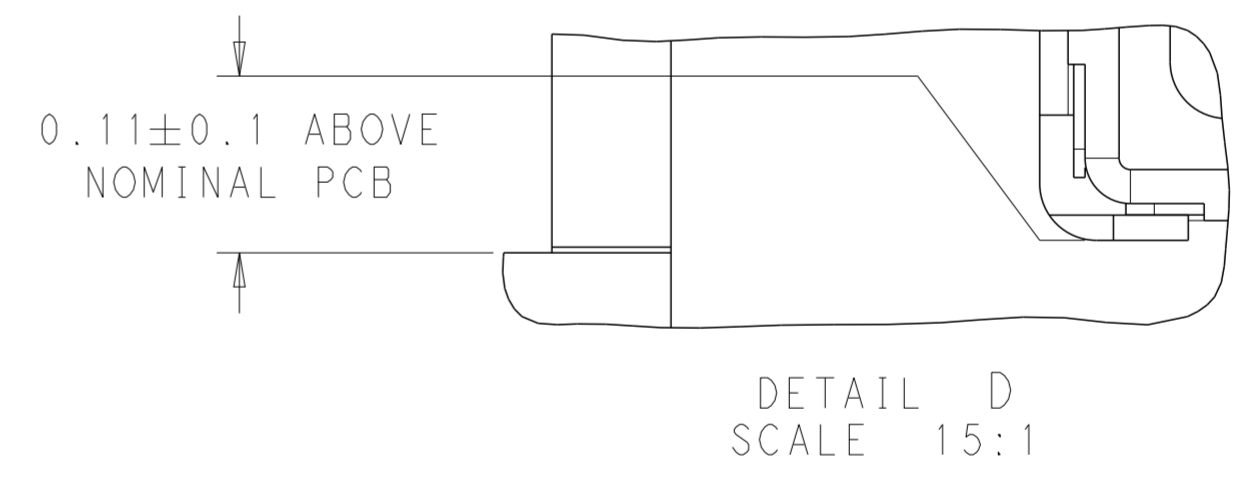
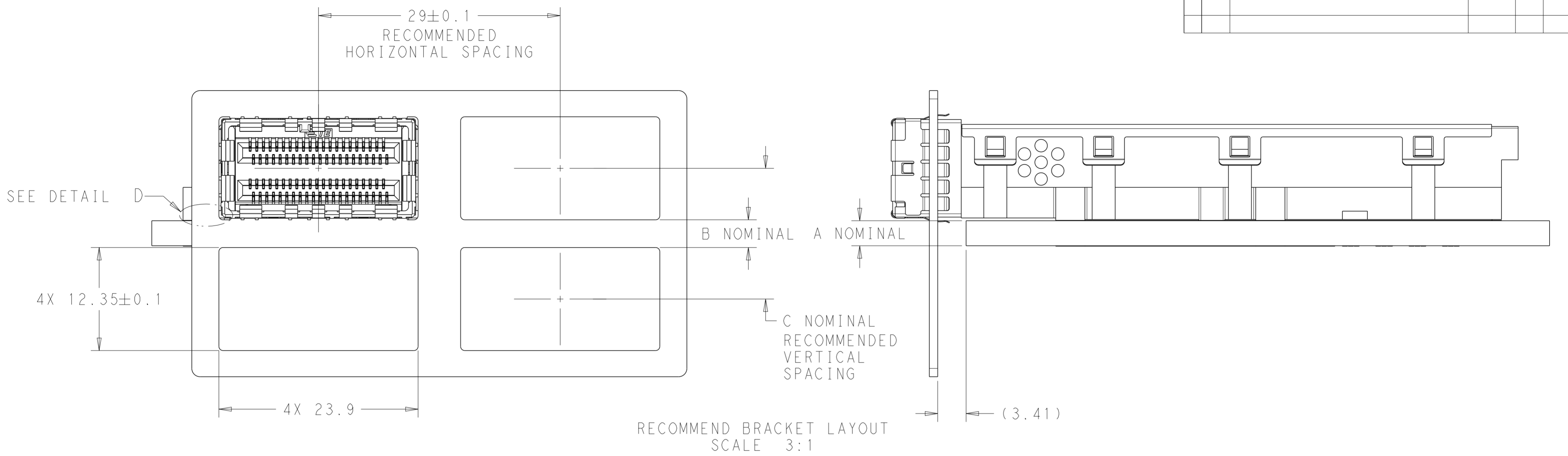
- ① PCB THICKNESS = 1.44 MIN
- ② FOR HOLE SIZE AND FINISHES SEE APPLICATION SPECIFICATION 114-13283
- ③ THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY CROSSHATCHING, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN, CROSSHATCHING TO BE CONDUCTIVE
- 4. MOUNTING HARDWARE REQUIRED:  
M2X0.4 (4): MOUNTING SCREW LENGTH = BOARD THICKNESS + 8mm MAX
- ⑤ FEATURES IN PHANTOM LINES ARE RELATED TO USE WITH CONNECTOR, PN 2149699-X AND GANGED SIDE BY SIDE APPLICATION
- ⑥ MATERIALS:  
HOUSING - ZINC ALLOY  
RECEPTACLE HOUSING - LCP, BLACK, UL 94V-0 RATED  
CHICKLET - LCP, BLACK, UL 94V-0 RATED  
CONTACT - PHOSPHOR BRONZE  
EMI SPRING - COPPER ALLOY
- ⑦ 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
- ⑧ NOTE DELETED

OBSOLETE	2149733-2	⑧	84 POSITION RECEPTACLE ASSEMBLY WITH COVER	2149731-2
	2149733-1	⑦	84 POSITION RECEPTACLE ASSEMBLY WITH COVER	2149731-1
	84 POSITION RECEPTACLE ASSEMBLY	FINISH	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M.E. COWHER 22SEP2010	 TE Connectivity	
DIMENSIONS: mm		CHK M.D. MORRISON 22SEP2010		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.D. MORRISON 22SEP2010	NAME RECEPTACLE ASSEMBLY WITH COVER, BELLY-BELLY, EXTENDED, 84 POSITION, CXP	
0 PLC ±0.2 1 PLC ±0.1 2 PLC ±0.05 3 PLC ± 4 PLC ±		PRODUCT SPEC 108-2426	SIZE 114-13283	RESTRICTED TO
ANGLES ±1° FINISH ⑦		APPLICATION SPEC	SCALE 1:1	
MATERIAL ⑥		WEIGHT -	CAGE CODE A200779	
		Customer Drawing	DRAWING NO C-2149731	REV A
			SHEET 1 OF 3	

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

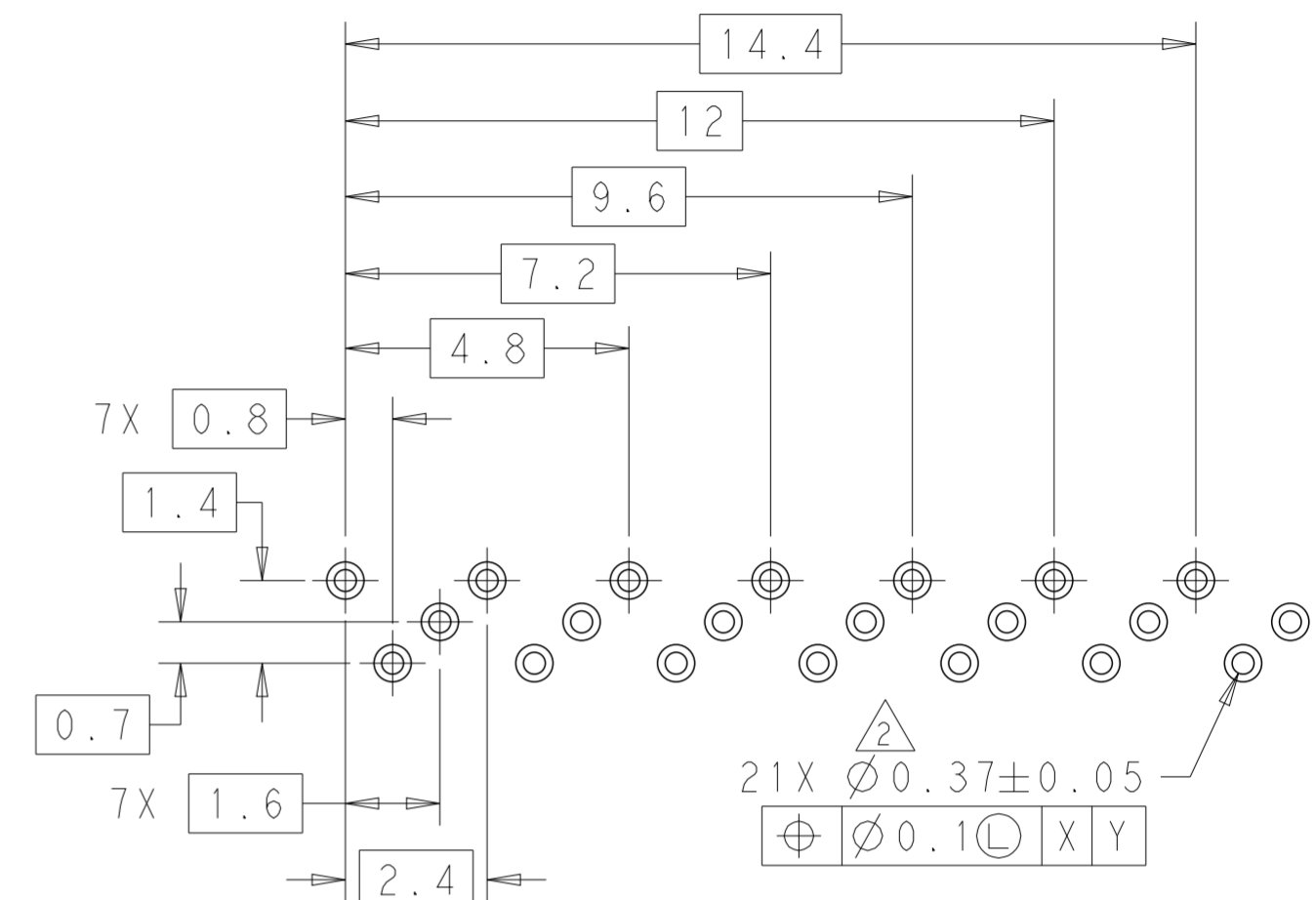
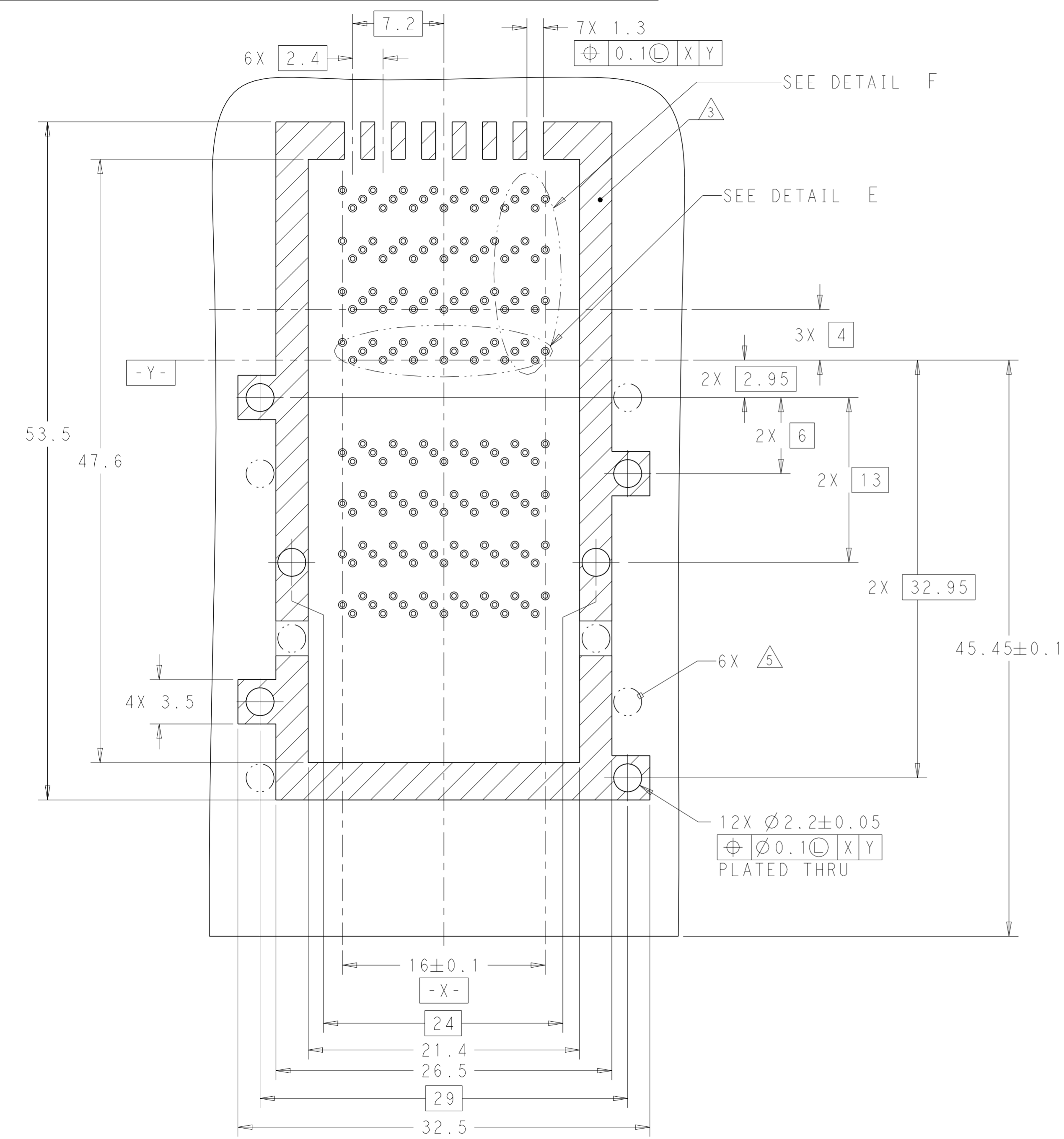


12.57+A	0.22+A	PCB THICKNESS
C	B	A

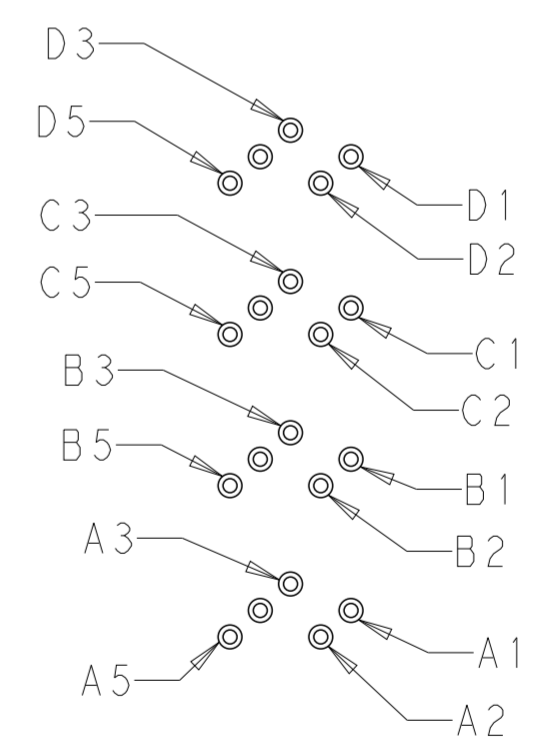
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M.E. COWHER 22SEP2010	<b>STE</b> TE Connectivity	
DIMENSIONS: mm		CHK M.D. MORRISON 22SEP2010		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.D. MORRISON 22SEP2010	NAME RECEPTACLE ASSEMBLY WITH COVER, BELLY-BELLY, EXTENDED, 84 POSITION, CXP	
0 PLC ±0.2	1 PLC ±0.1	PRODUCT SPEC 108-2426	SIZE 114-13283	RESTRICTED TO
2 PLC ±0.05	3 PLC ±	APPLICATION SPEC	WEIGHT	
4 PLC ±	ANGLES ±1°	Customer Drawing	SCALE 1:1	SHEET 2 OF 3
FINISH				REV A

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



DETAIL E  
 4X INDIVIDUALLY  
 SCALE 8:1



DETAIL F  
 PIN CALLOUT (TYPICAL)  
 SCALE 5:1

RECOMMENDED PCB LAYOUT  
 COMPONENT SIDE SHOWN  
 SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M.E. COWHER 22SEP2010	TE Connectivity	
DIMENSIONS: mm		CHK M.D. MORRISON 22SEP2010		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.D. MORRISON 22SEP2010	NAME RECEPTACLE ASSEMBLY WITH COVER, BELLY-BELLY, EXTENDED, 84 POSITION, CXP	
0 PLC ±0.2		PRODUCT SPEC 108-2426	SIZE A2	
1 PLC ±0.1		APPLICATION SPEC 114-13283	CAGE CODE A200779	DRAWING NO C-2149731
2 PLC ±0.05		WEIGHT -	RESTRICTED TO -	
3 PLC ±		Customer Drawing	SCALE 1:1	SHEET 3 OF 3
4 PLC ±				REV A
ANGLES ±1°				
FINISH				