

4

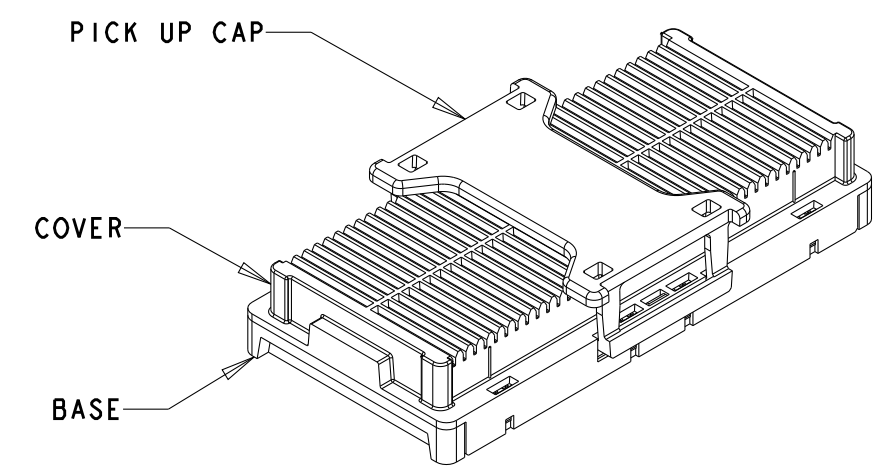
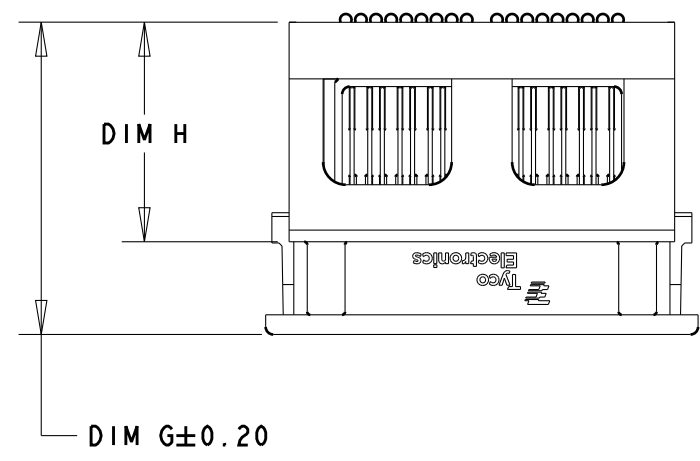
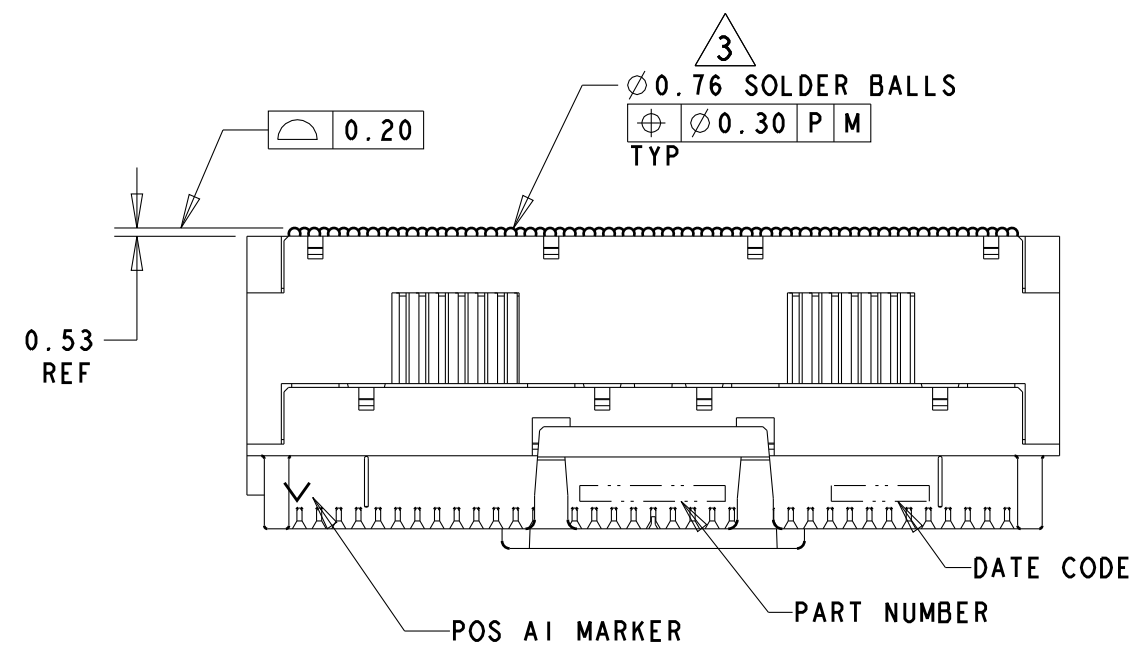
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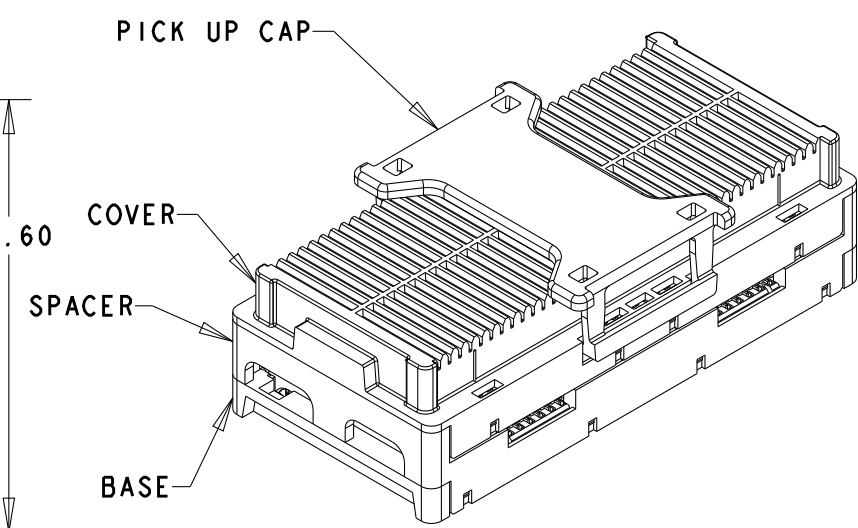
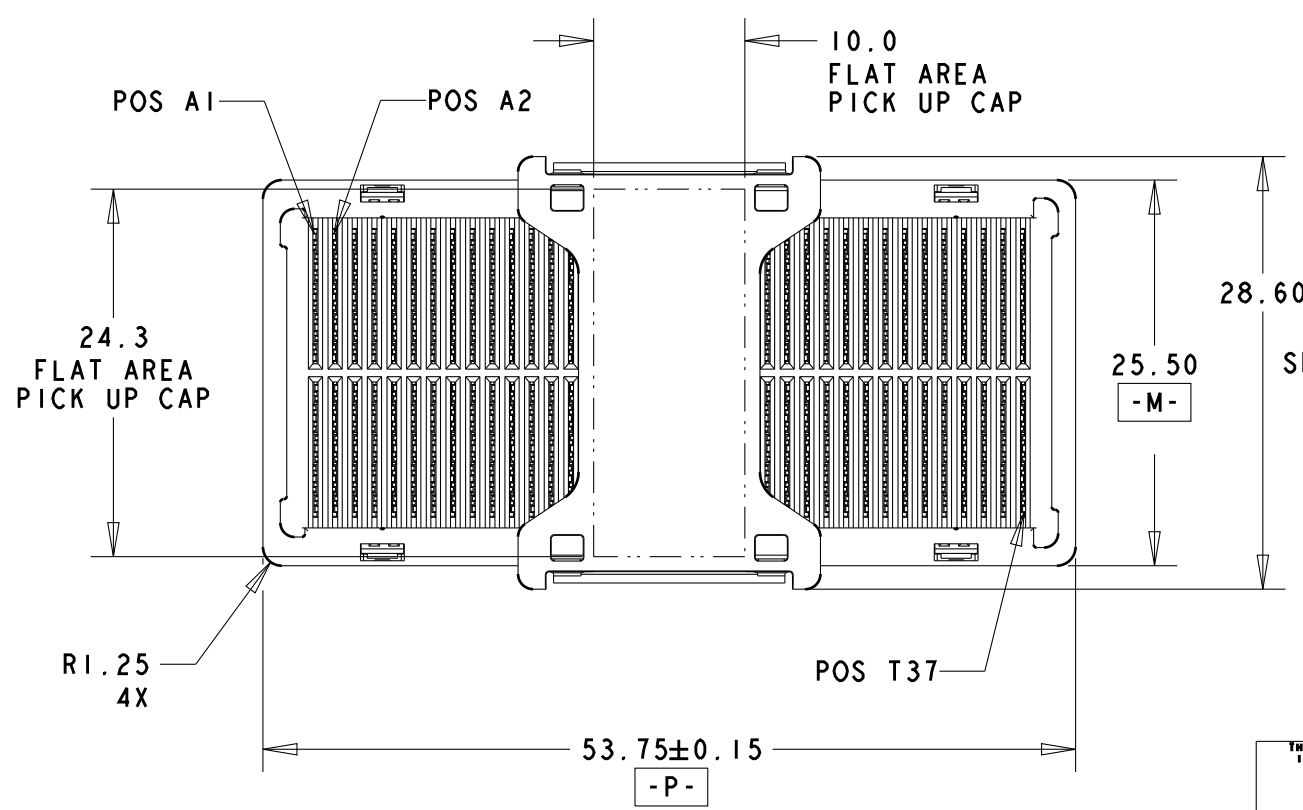
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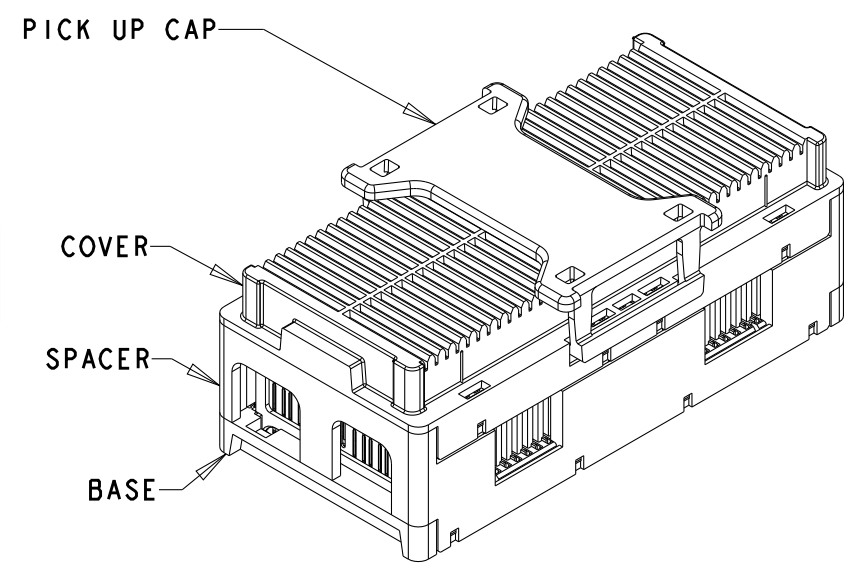
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
DY	-		B4	REVISED PER ECR-10-013879	01JUL2010	SYJ LSF



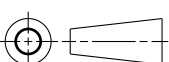
TYPICAL ASSEMBLY
15mm SHOWN
SCALE 2:1



ISOMETRIC VIEW
TYPICAL CONFIGURATION
FOR 11mm ASSEMBLY
SCALE 3:2



ISOMETRIC VIEW
TYPICAL CONFIGURATION
FOR 15mm ASSEMBLY
SCALE 3:2

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN P BRANDBERG 11 JAN05		 Tyco Electronics Singapore													
DIMENSIONS: mm		CHK D WERTZ 12 JAN05															
		APVD D WERTZ 12 JAN05		NAME STEP-Z RECEPTACLE ASSEMBLY, 296 SIGNAL POSITION -													
		PRODUCT SPEC 108-2143															
		APPLICATION SPEC 114-13101															
		WEIGHT															
MATERIAL		FINISH		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO							
				A3		00779		C-1761617		-							
CUSTOMER DRAWING										SCALE		SHEET		OF		REV	
										-		1		4		B4	

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

1 MATERIAL:
BASE, SPACER, COVER: THERMOPLASTIC
PICK UP CAP: THERMOPLASTIC
CONTACT: COPPER ALLOY
SOLDER BALL: Sn/Pb FOR P/N 1761617-1 THRU 5-1761617-0
Sn/Ag FOR P/N 5-1761617-1 THRU 9-1761617-9

2 FINISH:
CONTACT: 0.00076 MIN GOLD OVER 0.00127 MIN NICKEL.
(30µ" MIN GOLD OVER 50µ" MIN NICKEL)

3 SOLDER BALLS WILL NOT BE PERFECT
SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

4 CONTACTS IN ROWS A,C,E,G,J,K,M,P,R, AND T
ARE SINGLE BEAM CONTACTS,
TYPICALLY USED AS GROUND PINS.
(NOTE: CONTACTS IN ROWS J & K ARE TIED
TOGETHER [COMMONED]).

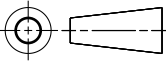
5 CONTACTS IN ROWS B,D,F,H,L,N,O, AND S
ARE DUAL BEAM CONTACTS,
TYPICALLY USED AS SIGNAL PINS.

6 SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD
LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE
OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS
SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED
PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE
APPLICATION SPEC 114-13101.

14.51	20.65	-	15mm Sn/Ag	6-1761617-5
10.51	16.65	-	11mm Sn/Ag	6-1761617-1
4.51	10.65	-	5mm Sn/Ag	5-1761617-5
14.51	20.65	-	15mm Sn/Pb	1-1761617-5
10.51	16.65	-	11mm Sn/Pb	1-1761617-1
4.51	10.65	-	5mm Sn/Pb	1761617-5
DIM H	DIM G	LOAD STYLE	DESCRIPTION	PART NUMBER

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DIMENSIONS:
mm



TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±0.050
4 PLC ±
ANGLES ±2°
FINISH -

MATERIAL -

DWN
P BRANDBERG
CHK
D WERTZ
APVD
D WERTZ
PRODUCT SPEC
APPLICATION SPEC
WEIGHT -

11 JAN05
12 JAN05
12 JAN05

Tyco
Electronics

Tyco Electronics
Singapore

NAME
STEP-Z RECEPTACLE ASSEMBLY,
296 SIGNAL POSITION
-

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1761617

RESTRICTED TO
-

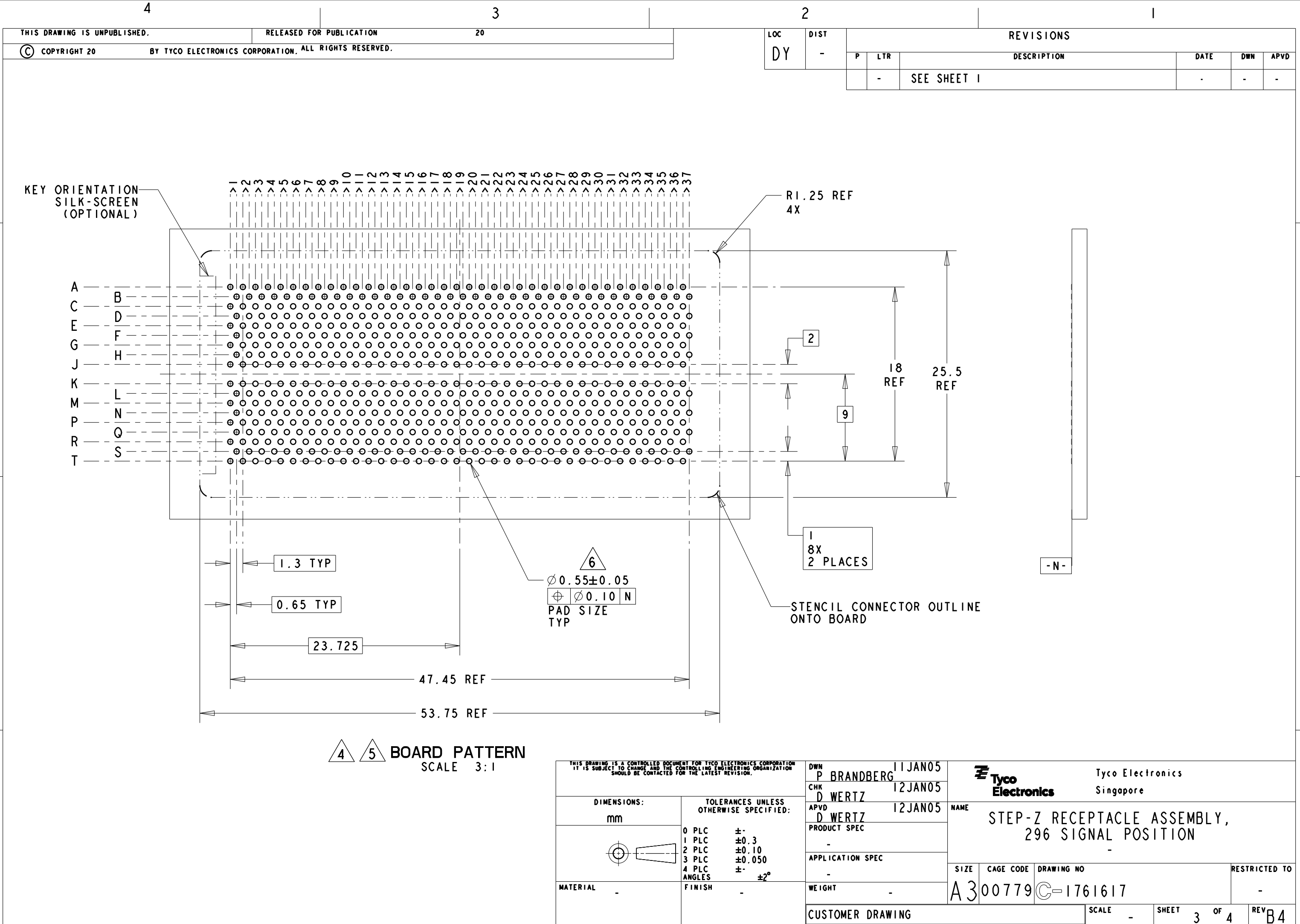
CUSTOMER DRAWING

SCALE -

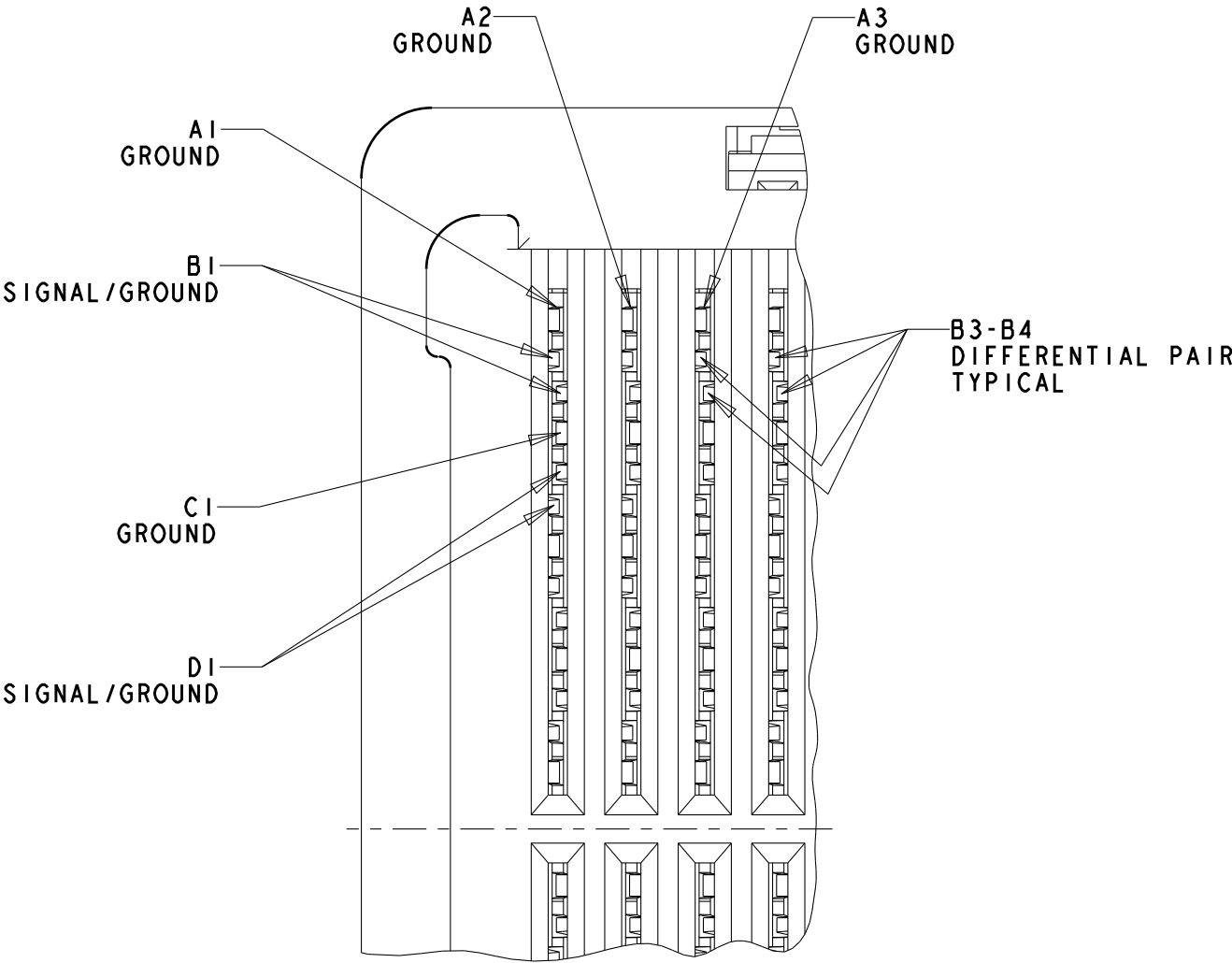
SHEET 2 OF 4

REV B4

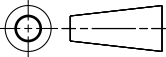
AMP 1470-19 REV 31MAR2000



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



RECEPTACLE INTERFACE
SCALE 8:1

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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK D WERTZ 12 JAN05	NAME STEP-Z RECEPTACLE ASSEMBLY, 296 SIGNAL POSITION -		
	0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ± ANGLES ±2°	APVD D WERTZ 12 JAN05			
MATERIAL -	FINISH -	PRODUCT SPEC -	SIZE CAGE CODE DRAWING NO RESTRICTED TO		
		APPLICATION SPEC -			
		WEIGHT -	A300779C-1761617	-	
CUSTOMER DRAWING			SCALE -	SHEET 4 OF 4	REV B4

Mouser Electronics

Authorized Distributor

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[1761617-5](#)