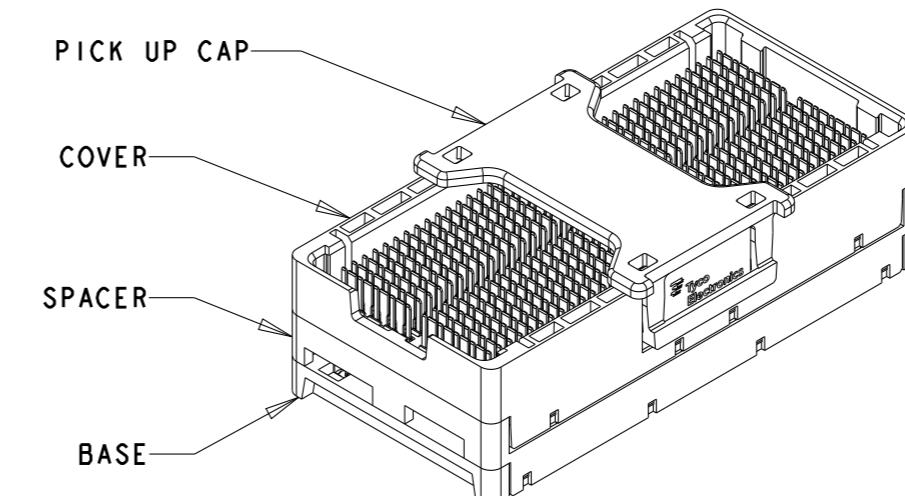
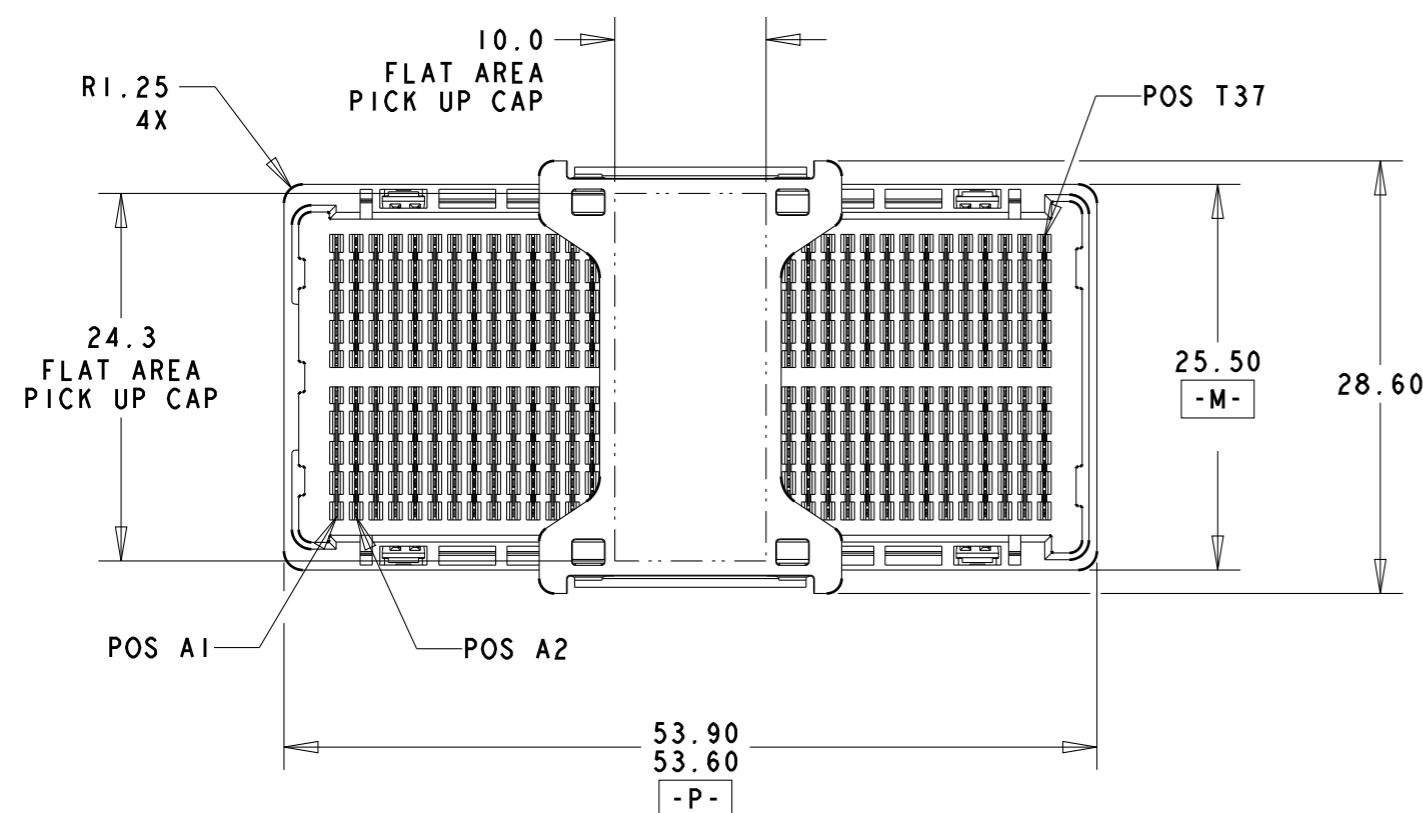
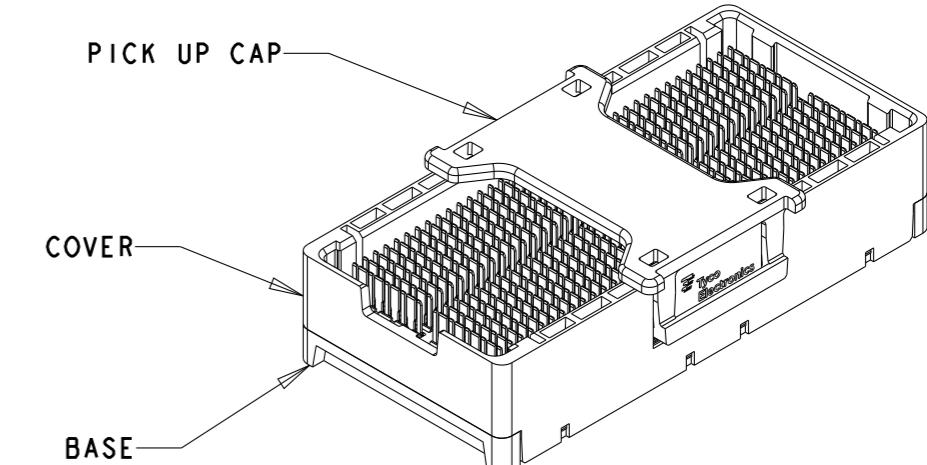
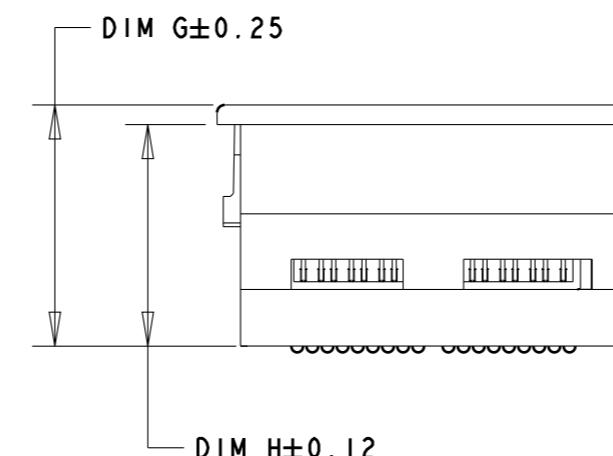
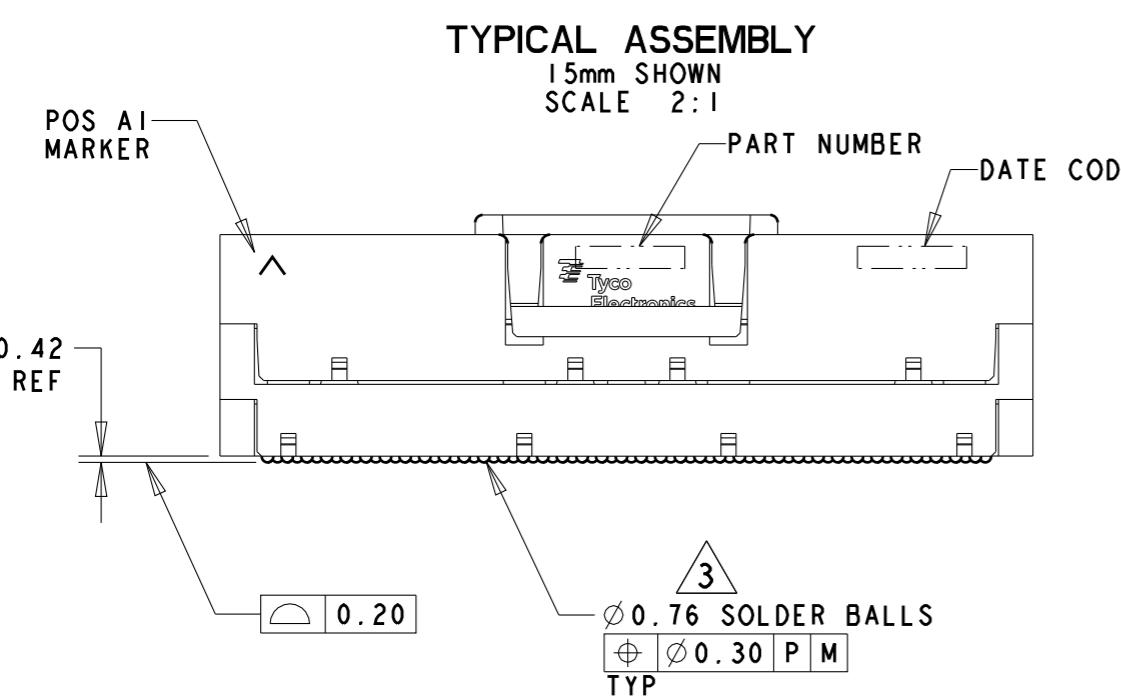


LOC	DIST	REVISIONS		DATE	DWN	APVD
		P	LTR			
DY	-	A5		REVISED PER ECR-10-013879	01JUL2010	SYJ LSF



ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR
15mm & 20mm ASSEMBLY
SCALE 3:2



ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR
10mm, 12mm & 13mm 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 10JAN05 CHK D WERTZ 12JAN05 APVD D WERTZ 12JAN05 PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101 WEIGHT -	NAME Tyco Electronics Singapore	STEP-Z PLUG ASSEMBLY, 296 SIGNAL POSITION					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:				SIZE A300779	CAGE CODE C-1761616	DRAWING NO -	RESTRICTED TO -		
mm	PLC	±	PLC								
0	PLC	±	1	PLC	±0.3						
1	PLC	±0.10	2	PLC	±0.050						
2	PLC	±0.050	3	PLC	±0.050						
3	PLC	±0.050	4	PLC	±2°						
	ANGLES			ANGLES							
MATERIAL		FINISH		WEIGHT	-						
I		2		CUSTOMER DRAWING				SCALE	-		
								SHEET	I OF 4		
								REV	A5		

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

(C) COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION, ALL RIGHTS RESERVED.

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



1 MATERIAL:

BASE, SPACER, COVER: THERMOPLASTIC
PICK UP CAP: THERMOPLASTIC

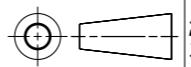
CONTACT: COPPER ALLOY

SOLDER BALL: Sn/Pb FOR P/N 1761616-1 THRU 5-1761616-0
Sn/Ag FOR P/N 5-1761616-1 THRU 9-1761616-9

2 FINISH:

CONTACT: 0.00076 MIN GOLD OVER 0.00127 MIN NICKEL.
(30 μ " MIN GOLD OVER 50 μ " 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 ROW J & K ARE TIED
TOGETHER [COMMONED]).5 CONTACTS IN ROWS B,D,F,H,L,N,Q, 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.

DIM H	DIM G	LOAD STYLE	DESCRIPTION	PART NUMBER
24.65	25.95	-	25mm Sn/Ag	7-1761616-5
19.65	20.95	-	20mm Sn/Ag	7-1761616-0
14.65	15.95	-	15mm Sn/Ag	6-1761616-5
12.65	13.95	-	13mm Sn/Ag	6-1761616-3
11.65	12.95	-	12mm Sn/Ag	6-1761616-2
9.65	10.95	-	10mm Sn/Ag	6-1761616-0
24.65	25.95	-	25mm Sn/Pb	2-1761616-5
19.65	20.95	-	20mm Sn/Pb	2-1761616-0
14.65	15.95	-	15mm Sn/Pb	1-1761616-5
12.65	13.95	-	13mm Sn/Pb	1-1761616-3
11.65	12.95	-	12mm Sn/Pb	1-1761616-2
9.65	10.95	-	10mm Sn/Pb	1-1761616-0

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 CHK D WERTZ APVD D WERTZ PRODUCT SPEC APPLICATION SPEC	Tyco Electronics Singapore
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME STEP-Z PLUG ASSEMBLY, 296 SIGNAL POSITION
 0 PLC \pm - 1 PLC \pm 0.3 2 PLC \pm 0.10 3 PLC \pm 0.050 4 PLC ANGLES \pm 2 $^{\circ}$			
MATERIAL	FINISH	WEIGHT	SIZE CAGE CODE DRAWING NO A 300779 C-1761616
CUSTOMER DRAWING			SCALE - SHEET 2 OF 4 REV A5

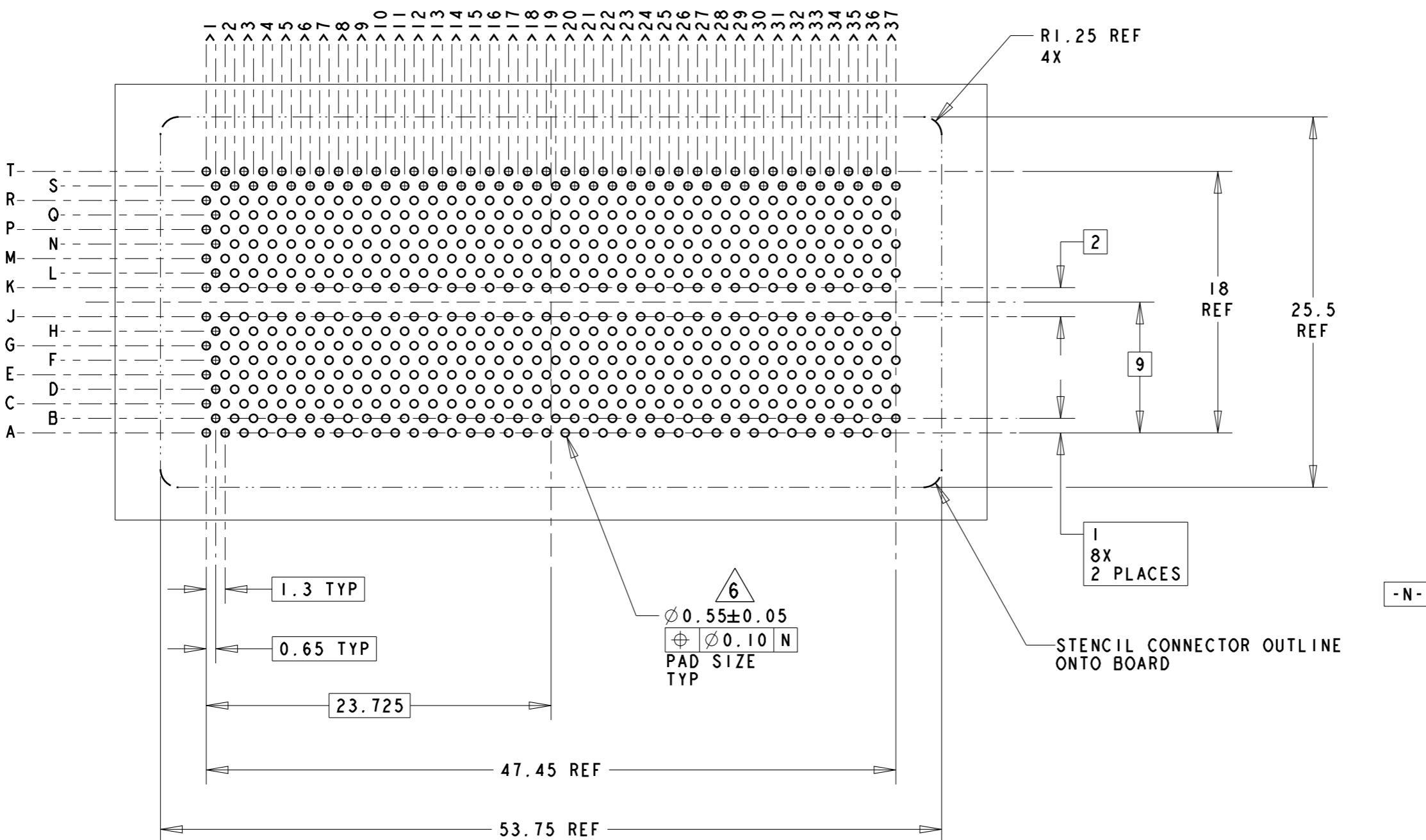
THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

(C) COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION, ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS		
		P	LTR	DESCRIPTION
DY	-	-	-	SEE SHEET 1



4 5 BOARD PATTERN
SCALE 3:1

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.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		0 PLC	±-
		1 PLC	±0.3
		2 PLC	±0.10
		3 PLC	±0.050
		4 PLC ANGLES	±2°
MATERIAL		FINISH	-
		WEIGHT	-
		CUSTOMER DRAWING	

DWN P BRANDBERG 10JAN05
CHK D WERTZ 12JAN05

APVD D WERTZ 12JAN05
PRODUCT SPEC

APPLICATION SPEC

-

Tyco
Electronics

Tyco Electronics
Singapore

STEP-Z PLUG ASSEMBLY,
296 SIGNAL POSITION

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A 300779	C-1761616		-

SCALE - SHEET 3 OF 4 REV A5

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

(C) COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION, ALL RIGHTS RESERVED.

LOC

DY

DIST

-

REVISIONS

P

LTR

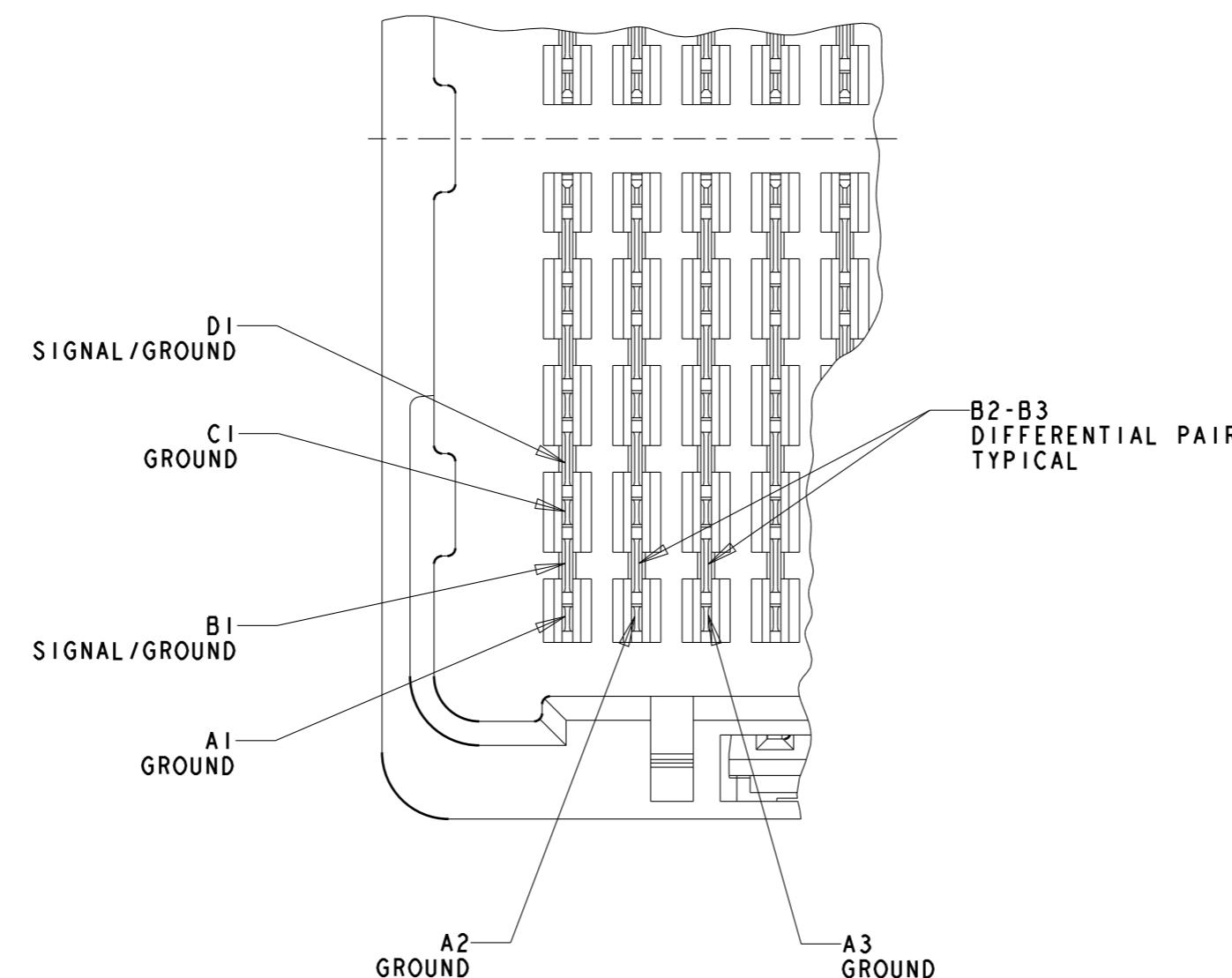
DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1



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.

DIMENSIONS: TOLERANCES UNLESS
mm OTHERWISE SPECIFIED:

0 PLC	\pm
1 PLC	± 0.3
2 PLC	± 0.10
3 PLC	± 0.050
4 PLC ANGLES	$\pm 2^\circ$

MATERIAL - FINISH -

DWN P BRANDBERG 10JAN05

CHK D WERTZ 12JAN05

APVD D WERTZ 12JAN05

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT -

-

CUSTOMER DRAWING

Tyco Electronics
SingaporeSTEP-Z PLUG ASSEMBLY,
296 SIGNAL POSITION

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1761616	-

4 OF 4 REV A5

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2-1761616-5](#)