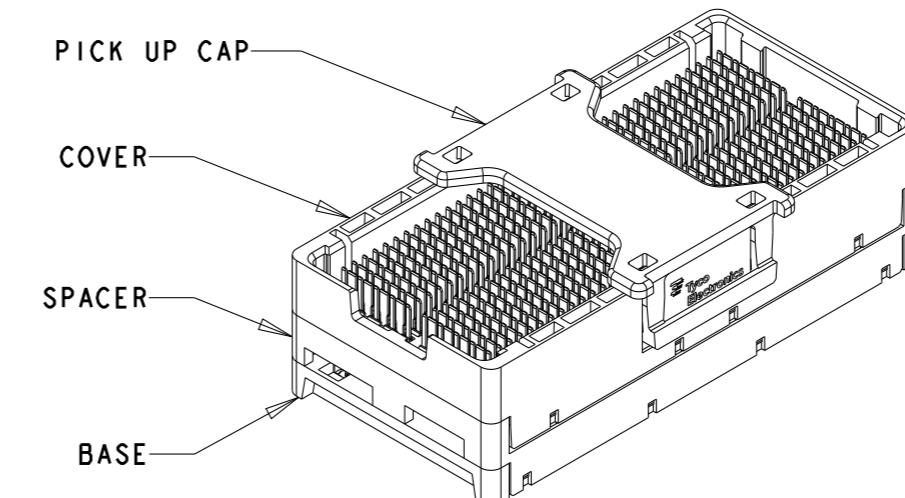
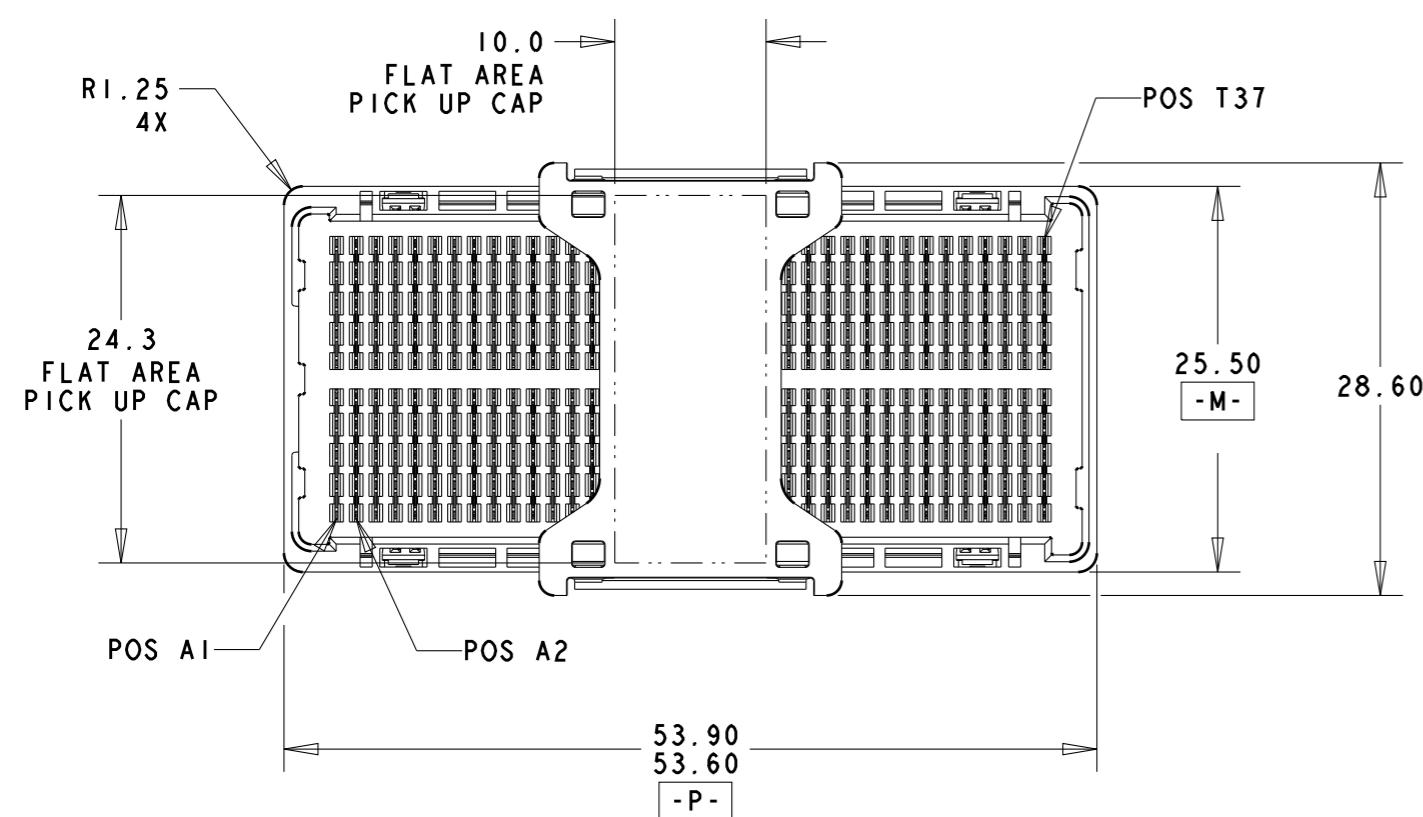
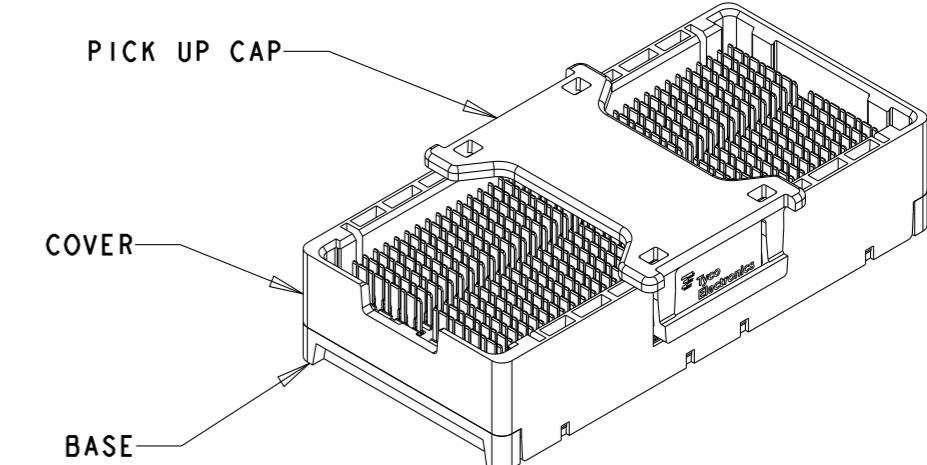
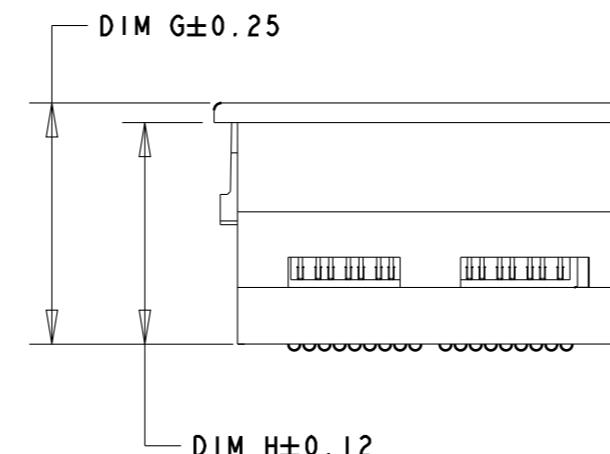
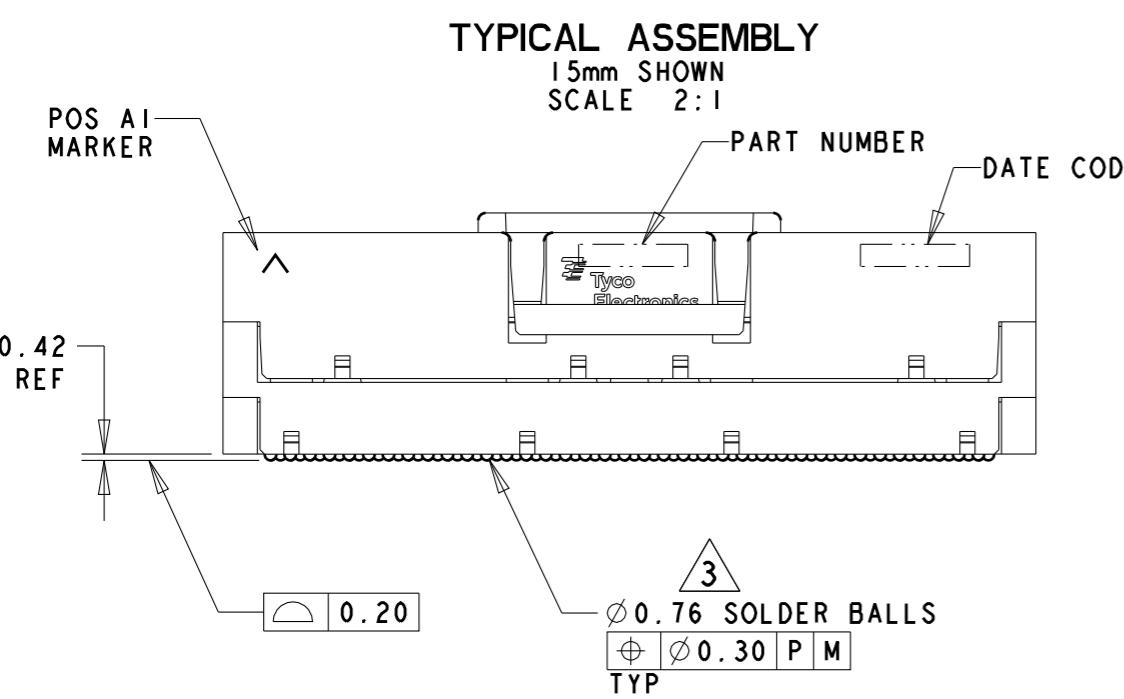


LOC	DIST	REVISIONS		
		P	LTR	DESCRIPTION
DY	-	A5		REVISED PER ECR-10-013879
				01JUL2010 SYJ LSF



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



ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR
10mm, 12mm & 13mm ASSEMBLY
SCALE 3:2

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CHK D WERTZ 12JAN05					Singapore
APVD D WERTZ 12JAN05					
PRODUCT SPEC 108-2143					
APPLICATION SPEC 114-13101					
SIZE A3	CAGE CODE 00779	DRAWING NO C-1761616	RESTRICTED TO		
CUSTOMER DRAWING				SCALE -	SHEET 1 OF 4 REV A5

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



1 MATERIAL:

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

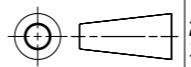
CONTACT: COPPER ALLOY

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

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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

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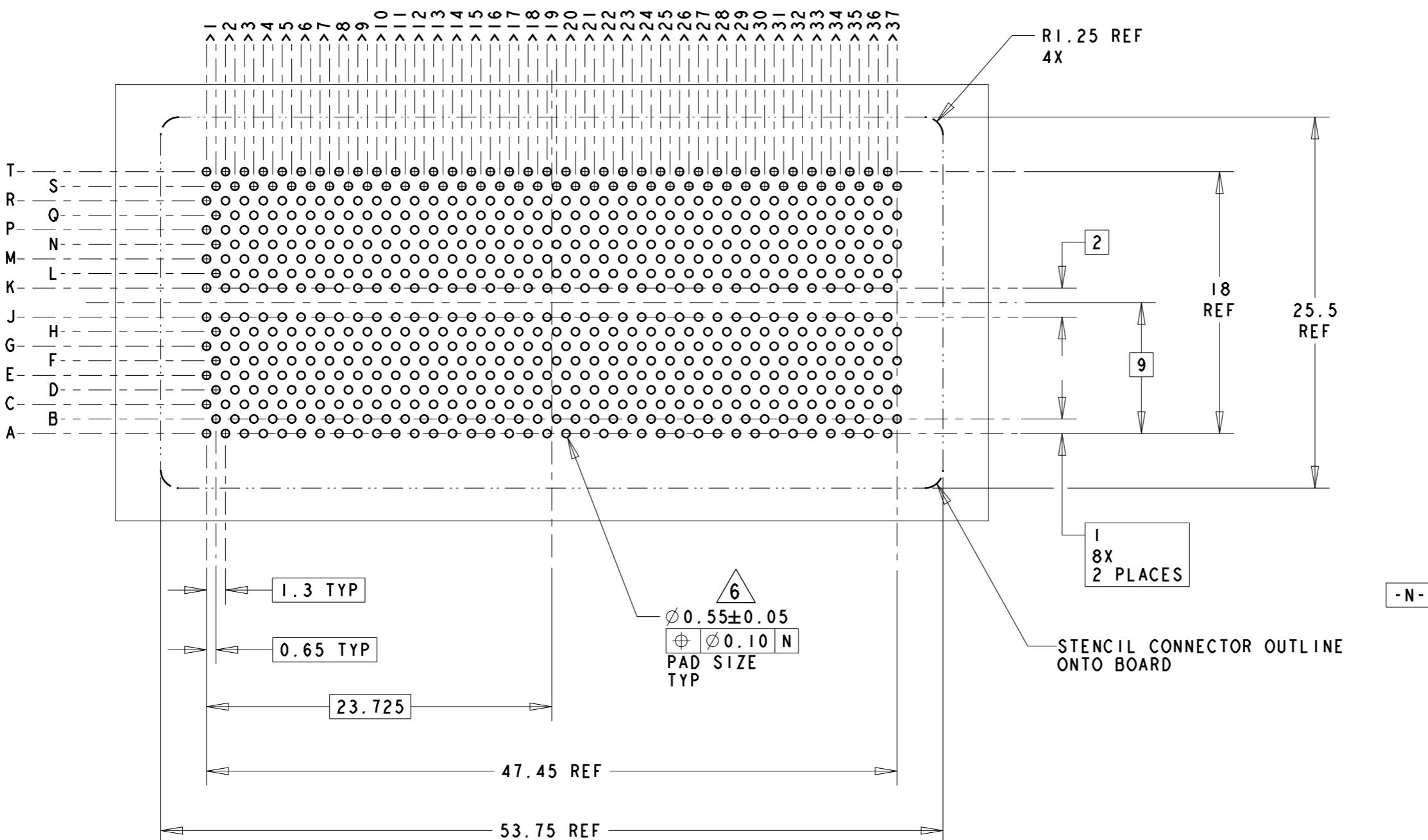
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LOC DY	DIST -	REVISIONS						
		P	LTR	DESCRIPTION		DATE	DWN	APVD
			-	SEE SHEET 1		-	-	-



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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	-

DWN P BRANDBERG 10JANO
CHK D WERTZ 12JANO
APVD D WERTZ 12JANO
PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT -
CUSTOMER DRAWING

The logo for Tyco Electronics, featuring a stylized 'T' icon followed by the company name 'Tyco Electronics' in a bold, sans-serif font.

Tyco Electronics
Singapore

STEP-Z PLUG ASSEMBLY,
296 SIGNAL POSITION

CODE	DRAWING NO	RESTRICTED TO		
779	C-1761616	-		
	SCALE	SHEET	3 OF 4	REV A5

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REVISIONS

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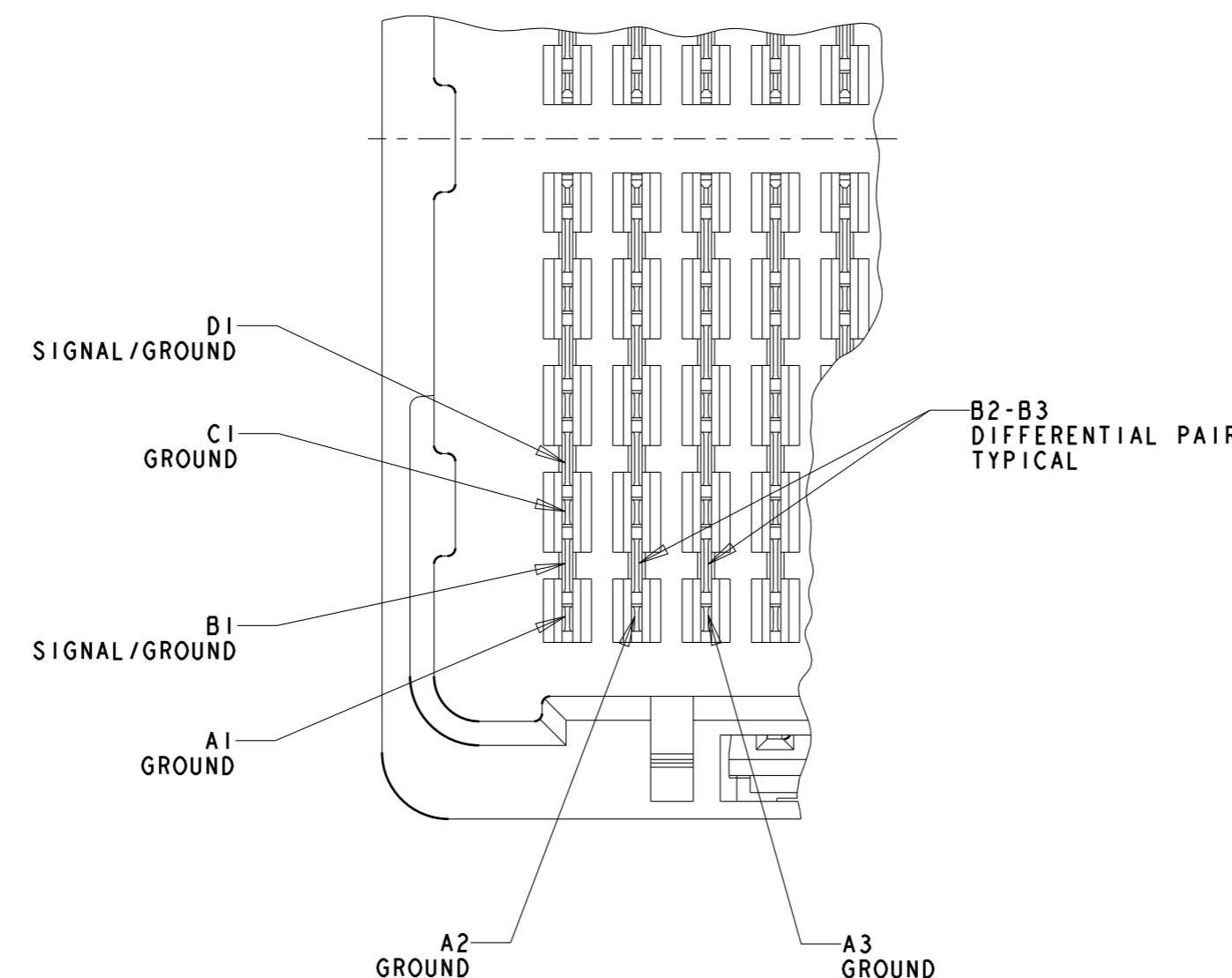
DESCRIPTION

DATE

DWN

APVD

- SEE SHEET 1



PLUG INTERFACE
SCALE 8:1

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DIMENSIONS:

mm

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 -

-



Tyco Electronics
Singapore

STEP-Z PLUG ASSEMBLY,
296 SIGNAL POSITION

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1761616	-
CUSTOMER DRAWING			SCALE - SHEET 4 OF 4 REV A5

Mouser Electronics

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[7-1761616-5](#)