

4

3

2

1

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RELEASED FOR PUBLICATION

20

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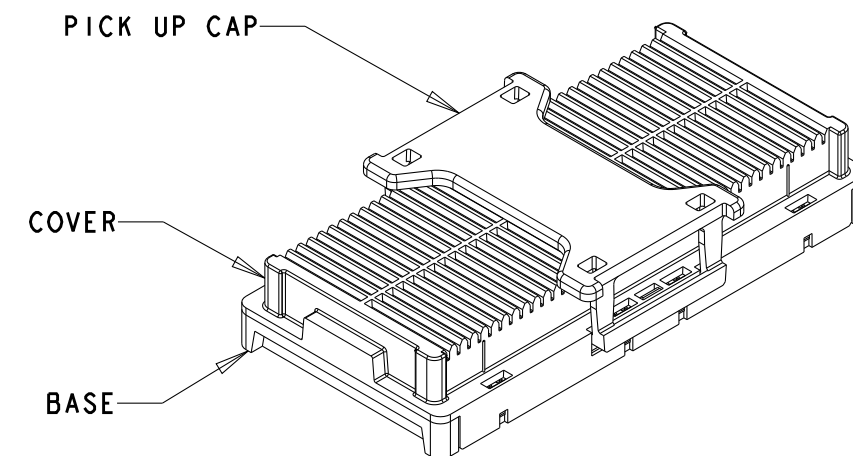
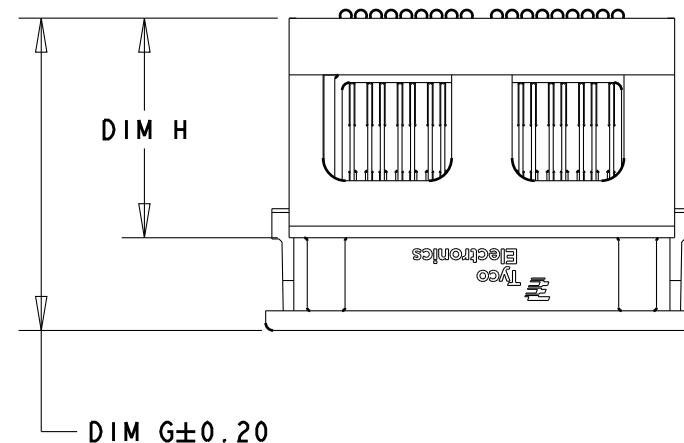
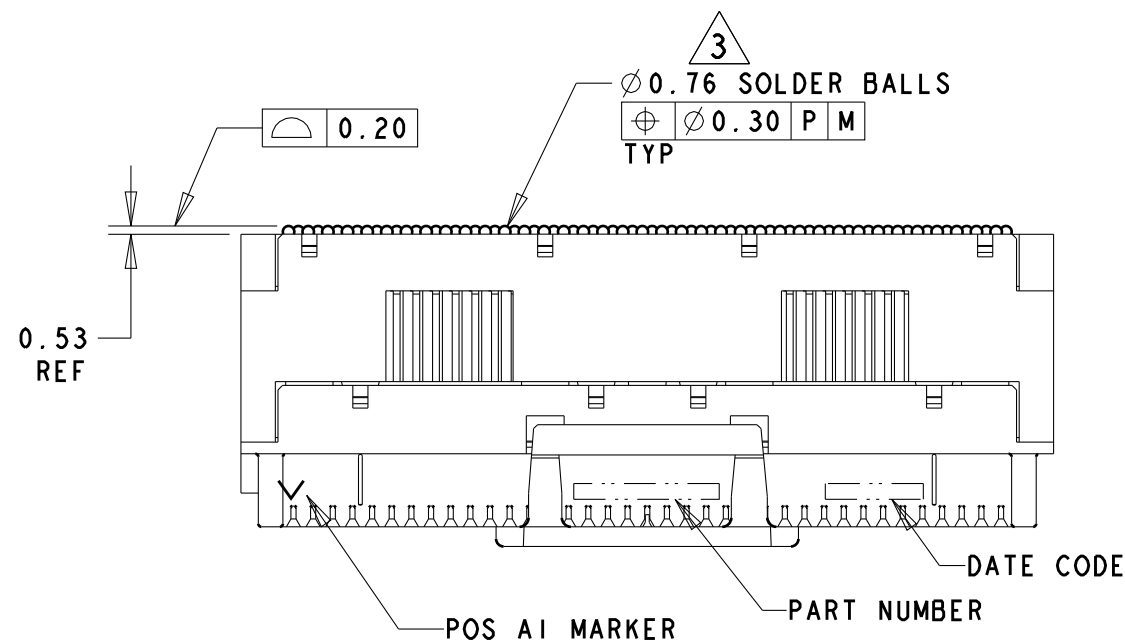
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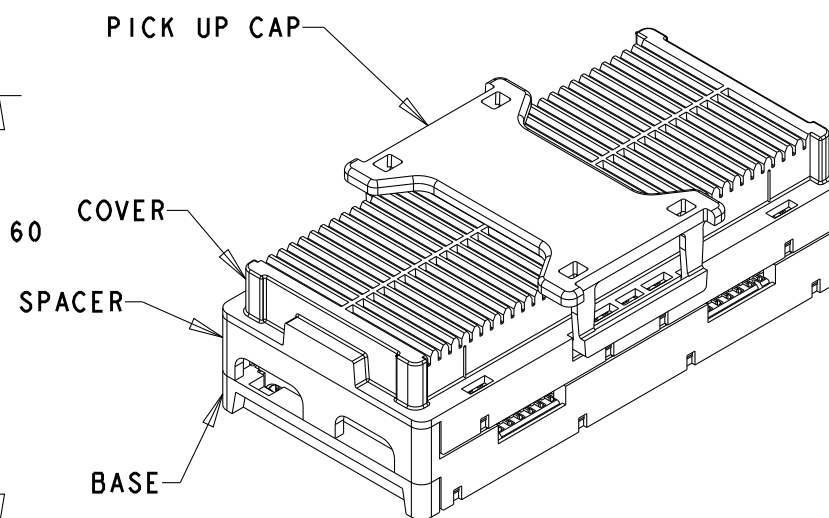
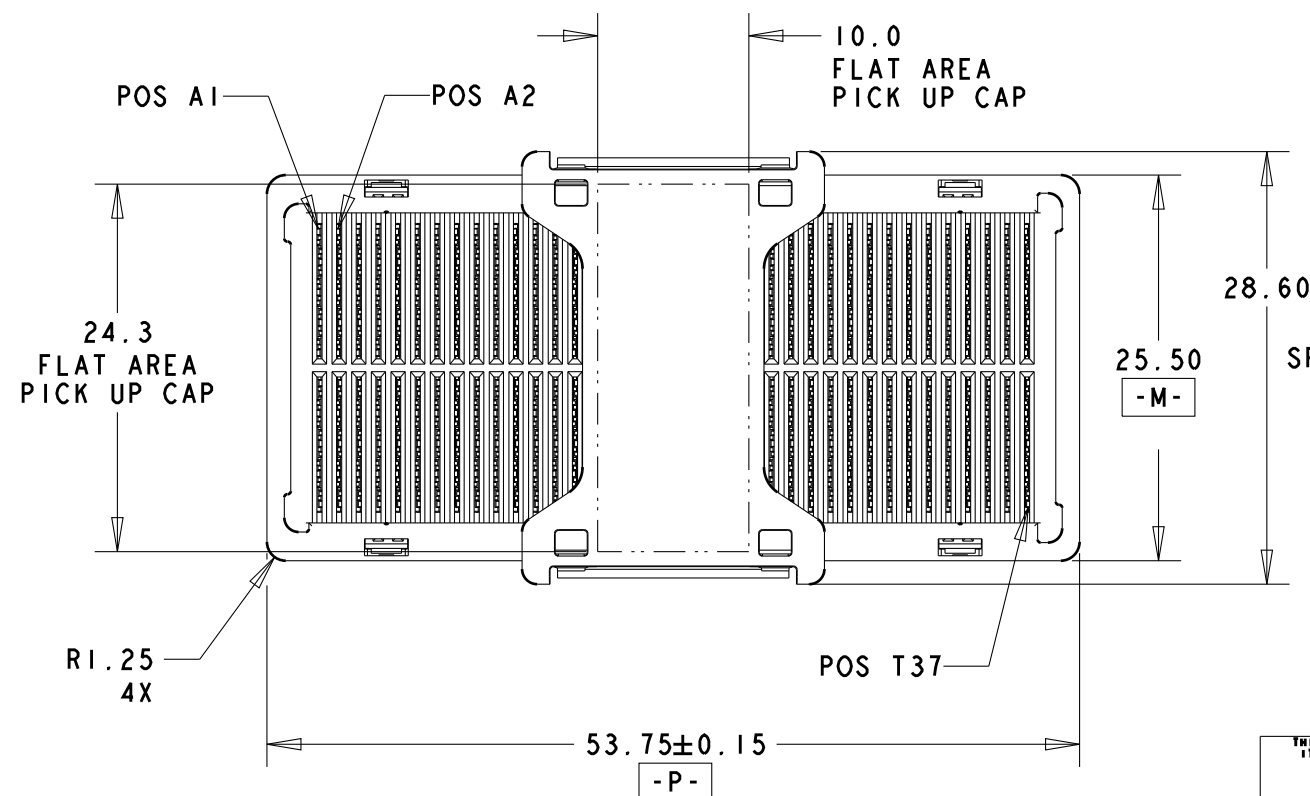
REVISIONS

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

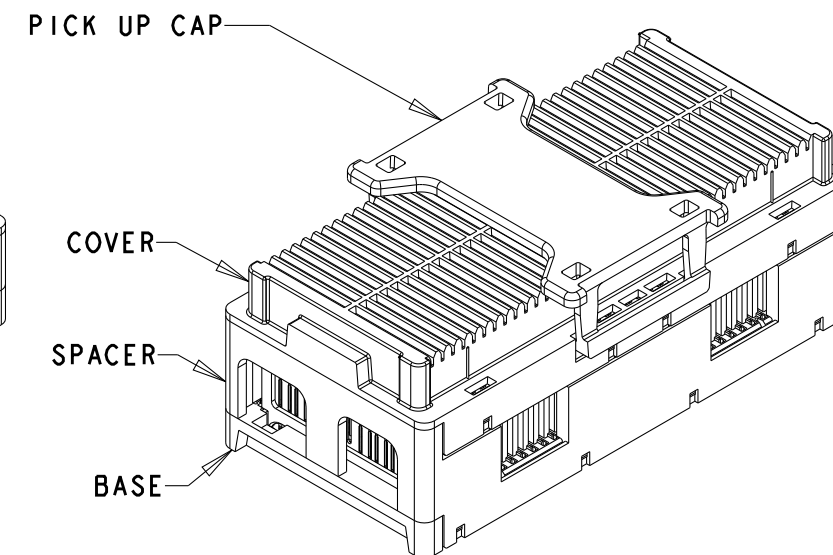


TYPICAL ASSEMBLY
15mm SHOWN
SCALE 2:1

ISOMETRIC VIEW
TYPICAL CONFIGURATION
FOR 5mm ASSEMBLY
SCALE 3:2



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



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

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

DWN	P BRANDBERG	11 JAN05
CHK	D WERTZ	12 JAN05
APVD	D WERTZ	12 JAN05
PRODUCT SPEC	108-2143	
APPLICATION SPEC	114-13101	
WEIGHT		
CUSTOMER DRAWING		

Tyco Electronics Singapore		NAME STEP-Z RECEPTACLE ASSEMBLY, 296 SIGNAL POSITION		RESTRICTED TO	
SIZE	CAGE CODE	DRAWING NO			
A3	00779	C-1761617			
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]).

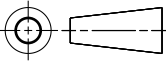
5 CONTACTS IN ROWS B,D,F,H,L,N,O, AND S
ARE DUAL BEAM CONTACTS,
TYPICALLY USED AS SIGNAL PINS.

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 11 JAN05
CHK D WERTZ 12 JAN05
APVD D WERTZ 12 JAN05
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

 Tyco Electronics
Singapore

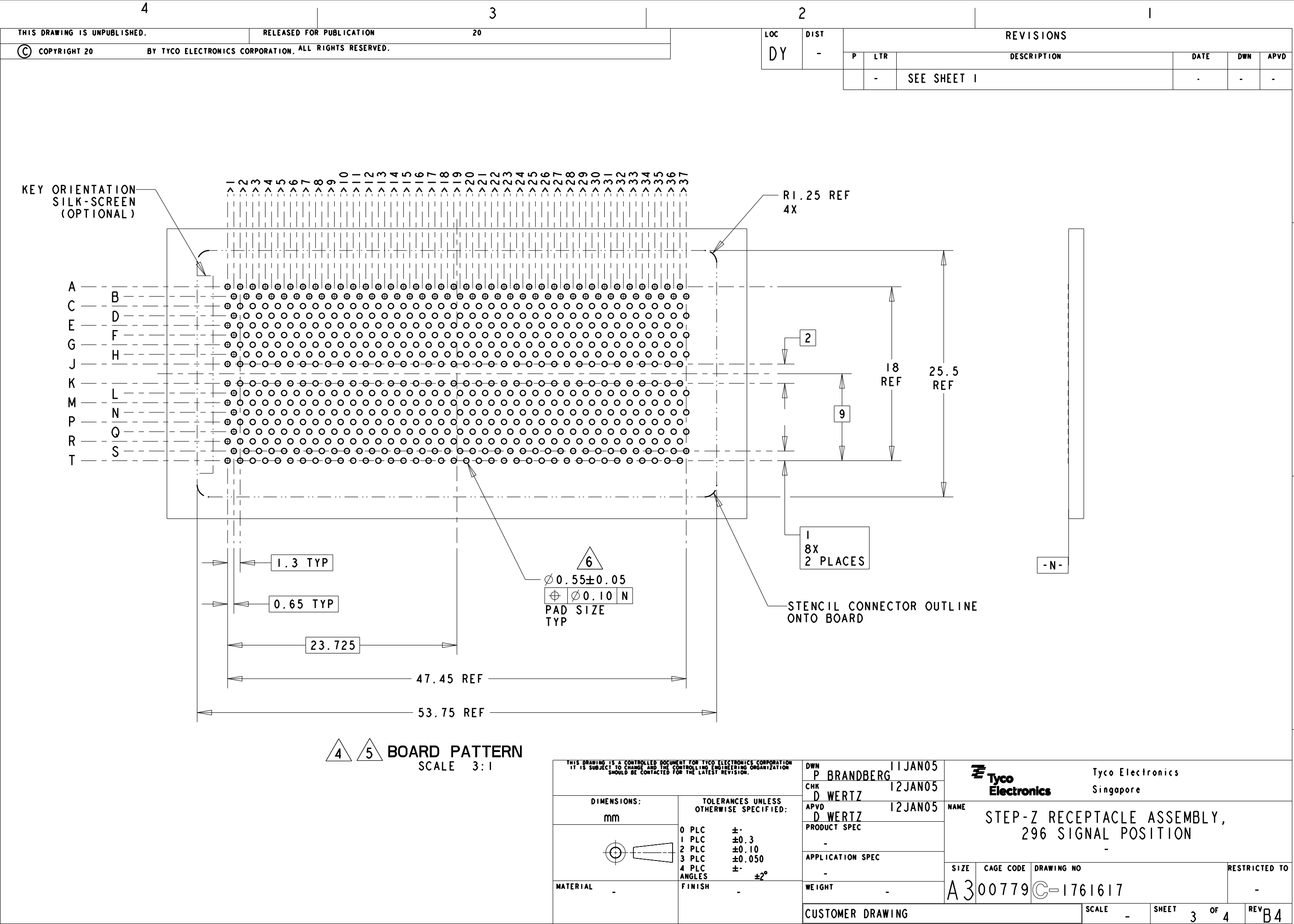
NAME STEP-Z RECEPTACLE ASSEMBLY,
296 SIGNAL POSITION
-

SIZE CAGE CODE DRAWING NO RESTRICTED TO
A300779C-1761617 -

CUSTOMER DRAWING

SCALE - SHEET 2 OF 4 REV B4

AMP 1470-19 REV 31MAR2000



KEY ORIENTATION
SILK-SCREEN
(OPTIONAL)

A

C

E

G

J

K

M

P

R

T

B

D

F

H

L

N

Q

S

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

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21

22

23

24

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26

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28

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30

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32

33

34

35

36

37

1.3 TYP

0.65 TYP

23.725

47.45 REF

53.75 REF

6

Ø0.55±0.05

Ø0.10 N

PAD SIZE
TYP

1

8X

2 PLACES

2

9

18 REF

25.5 REF

RI.25 REF
4X

STENCIL CONNECTOR OUTLINE
ONTO BOARD

- N -

4

5

BOARD PATTERN

SCALE 3:1

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DIMENSIONS:

mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC

±

0.3

1 PLC

±

0.10

2 PLC

±

0.050

3 PLC

±

0.050

4 PLC

±

0.050

ANGLES

±

2°

FINISH

-

MATERIAL

-

DWN

P BRANDBERG

11 JAN05

CHK

D WERTZ

12 JAN05

APVD

D WERTZ

12 JAN05

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

Tyco

Electronics

Tyco Electronics
Singapore

NAME

STEP-Z RECEPTACLE ASSEMBLY,
296 SIGNAL POSITION

-

SIZE

A3

CAGE CODE

00779

DRAWING NO

C-1761617

RESTRICTED TO

-

SCALE

-

SHEET

3

OF

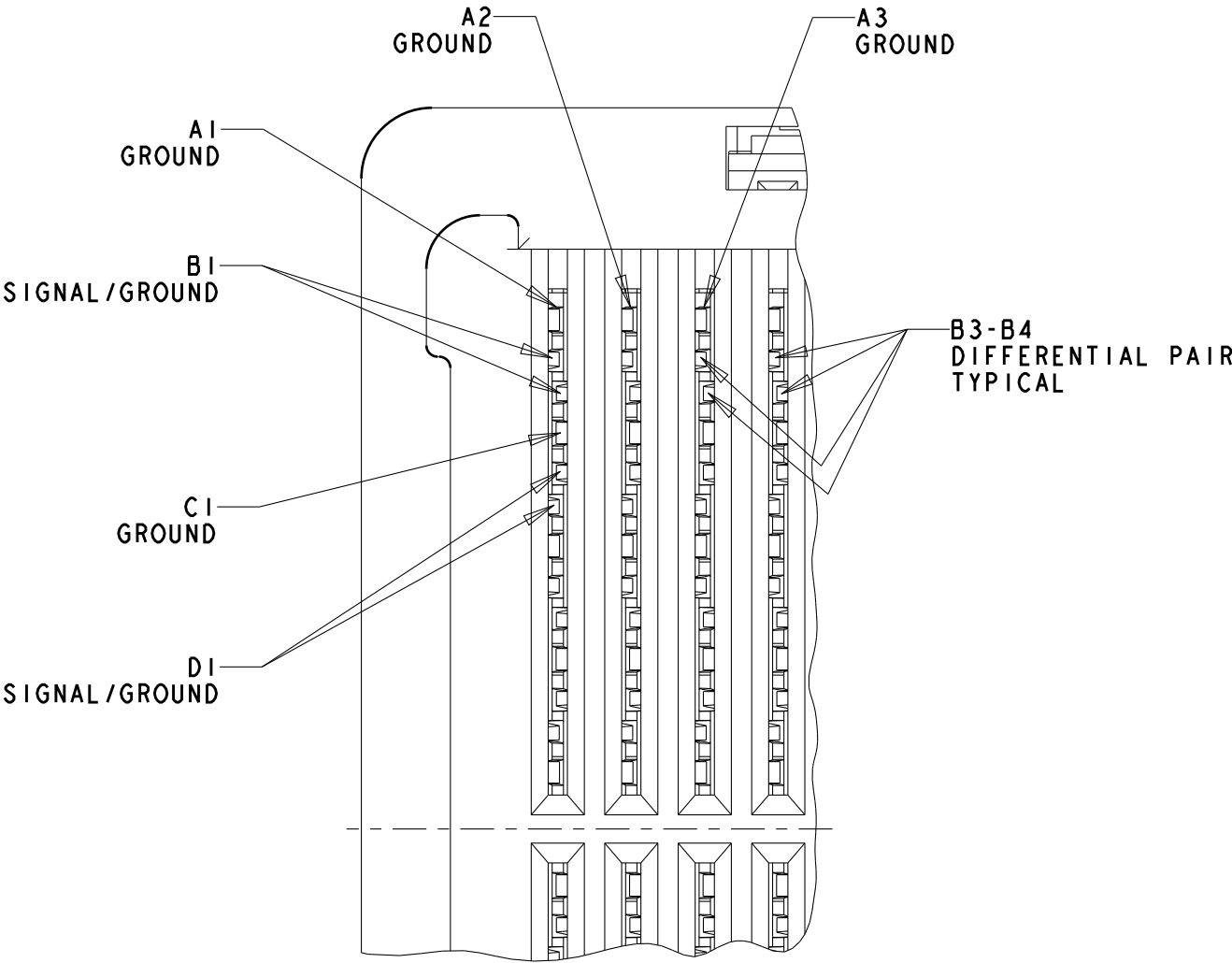
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REV

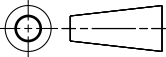
B4

AMP 1470-19 REV 31MAR2000

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



RECEPTACLE INTERFACE
SCALE 8:1

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

Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

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