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LOC

	DIST
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REVISIONS

DY

P

	LTR
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DESCRIPTION

DATE _____

	DWN
--	------------

	APVD
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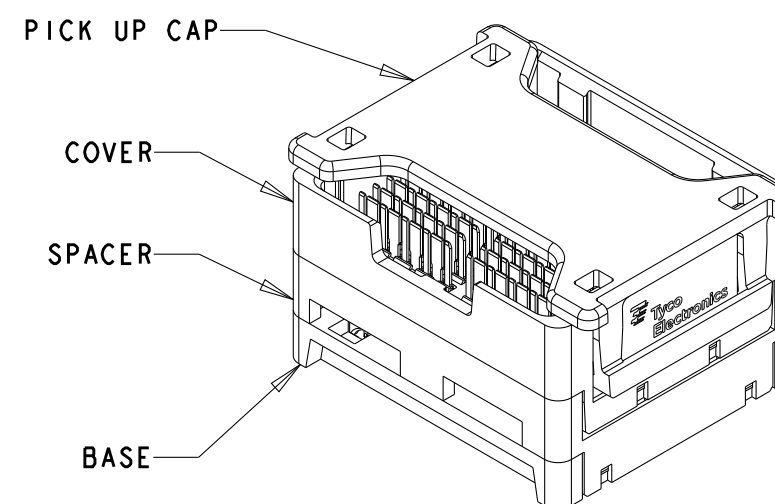
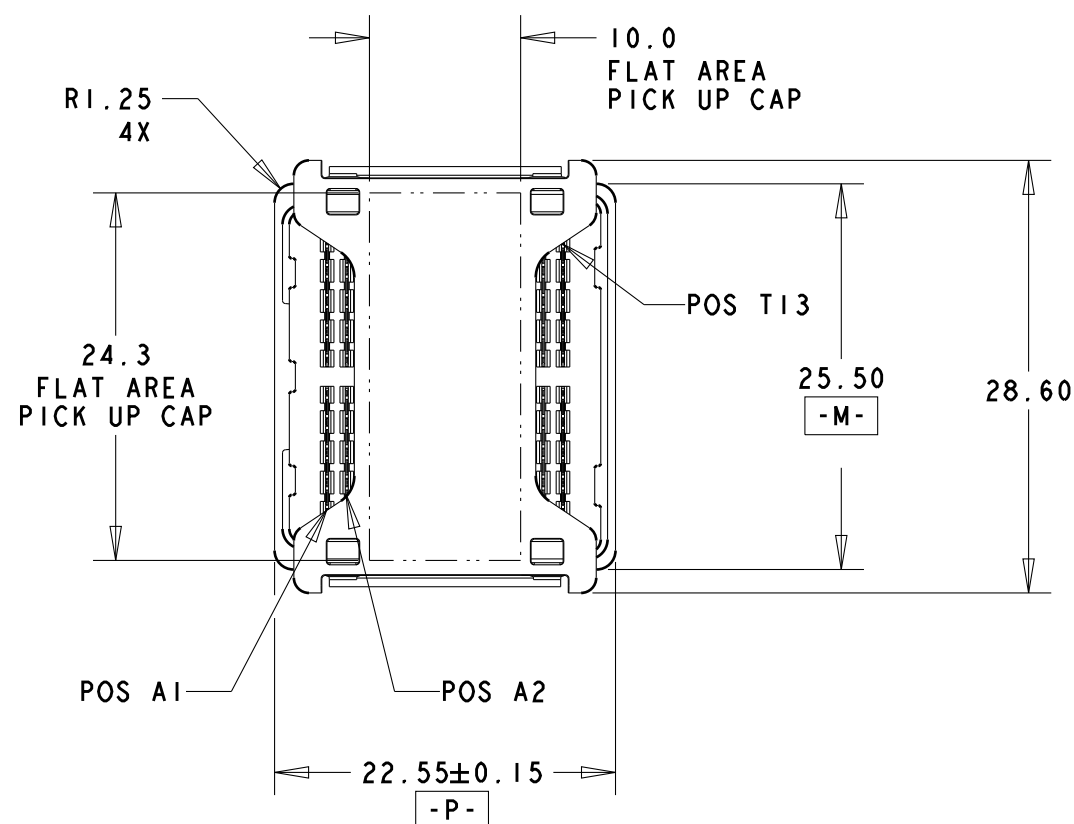
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REVISÉD PER ECR-10-013879

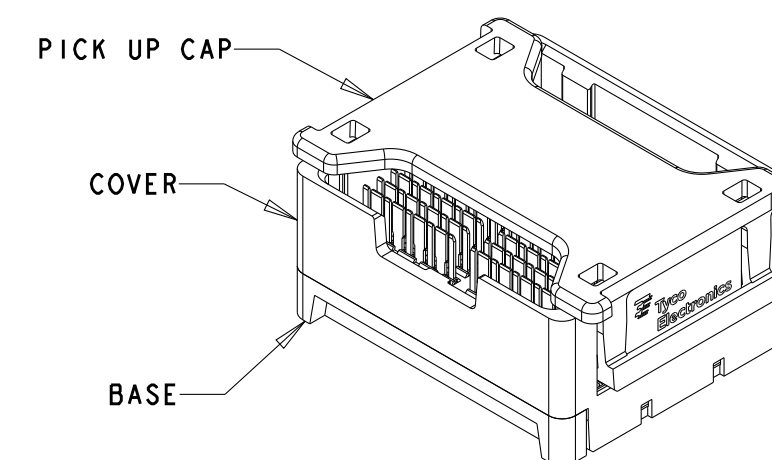
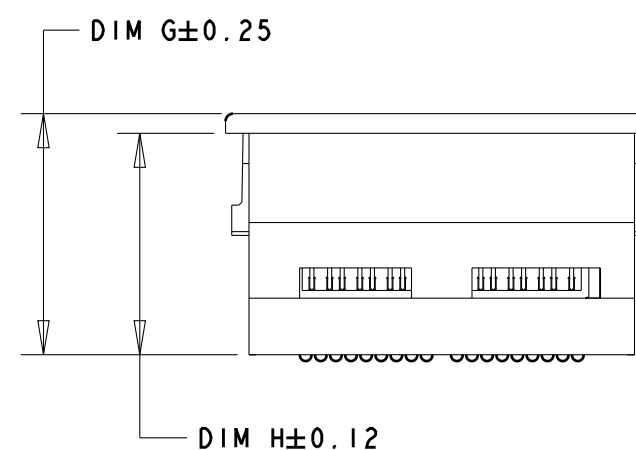
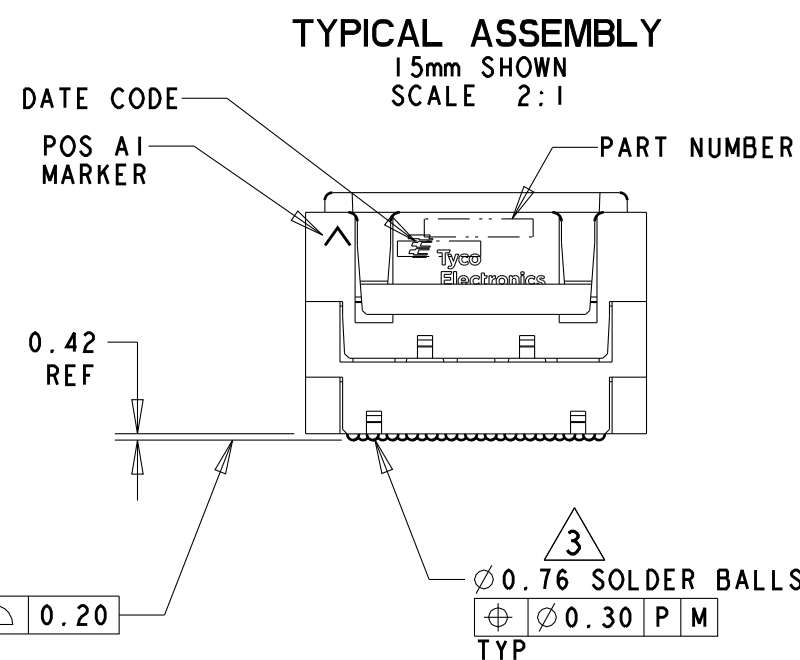
01 JUL 2010

SY.1

LSF



ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR
15mm & 20mm ASSEMBLY
SCALE 2:1



ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR
10mm, 12mm & 13mm ASSEMBLY
SCALE 2:1

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SHOULD BE CONTACTED FOR THE LATEST REVISION.

DWN	18 JAN 05
D. BRANDBERG	

CHK	20 JAN 05
-----	-----------

D WERTZ	
APVD	20 JAN 05
G WERTZ	

D. WERTZ
PRODUCT SPEC

108-2143

APPLICATION SPEC

	114-13101
WEIGHT	



**Tyco Electronics
Singapore**

5	NAME	STEP-Z, PLUG ASSEMBLY, 104 SIGNAL POSITION
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SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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A 300779C-1761612

SCALE	SHEET	OF	REV A
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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 1761612-1 THRU 5-1761612-0
Sn/Ag FOR P/N 5-1761612-1 THRU 9-1761612-9
- 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 ROW 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

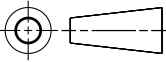
SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD
LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE
OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS
SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED
PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE
APPLICATION SPEC 114-13101.

19.65	20.95	-	20mm Sn/Ag	7-1761612-0
14.65	15.95	-	15mm Sn/Ag	6-1761612-5
12.65	13.95	-	13mm Sn/Ag	6-1761612-3
11.65	12.95	-	12mm Sn/Ag	6-1761612-2
9.65	10.95	-	10mm Sn/Ag	6-1761612-0
19.65	20.95	-	20mm Sn/Pb	2-1761612-0
14.65	15.95	-	15mm Sn/Pb	1-1761612-5
12.65	13.95	-	13mm Sn/Pb	1-1761612-3
11.65	12.95	-	12mm Sn/Pb	1-1761612-2
9.65	10.95	-	10mm Sn/Pb	1-1761612-0
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
18JAN05

CHK
D WERTZ
20JAN05

APVD
D WERTZ
20JAN05

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

Tyco Electronics
Singapore

NAME
STEP-Z, PLUG ASSEMBLY,
104 SIGNAL POSITION
-

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1761612

RESTRICTED TO
-

SCALE
-

SHEET
2

OF
3

REV
A2

AMP 1470-19 REV 31MAR2000

4

3

2

1

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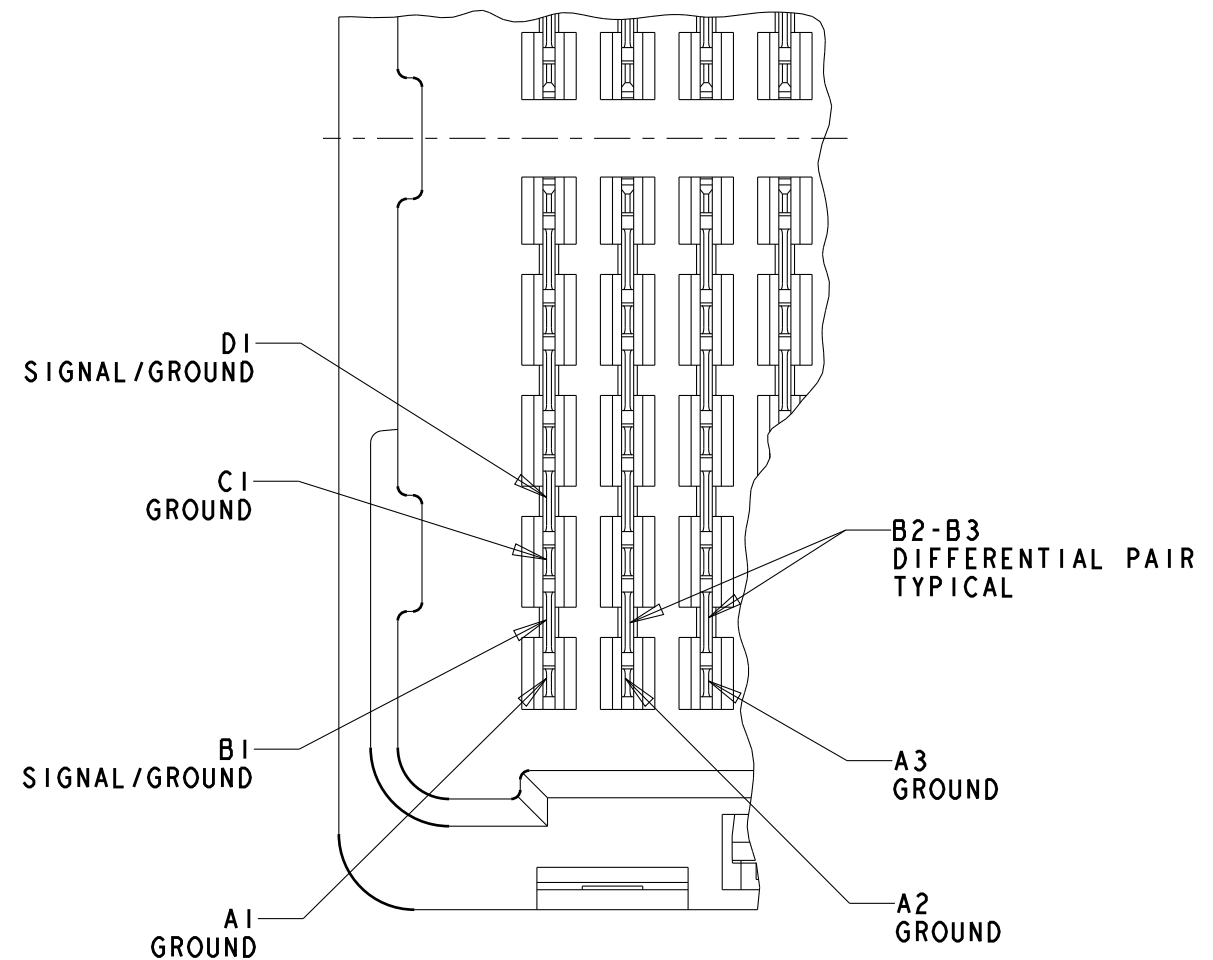
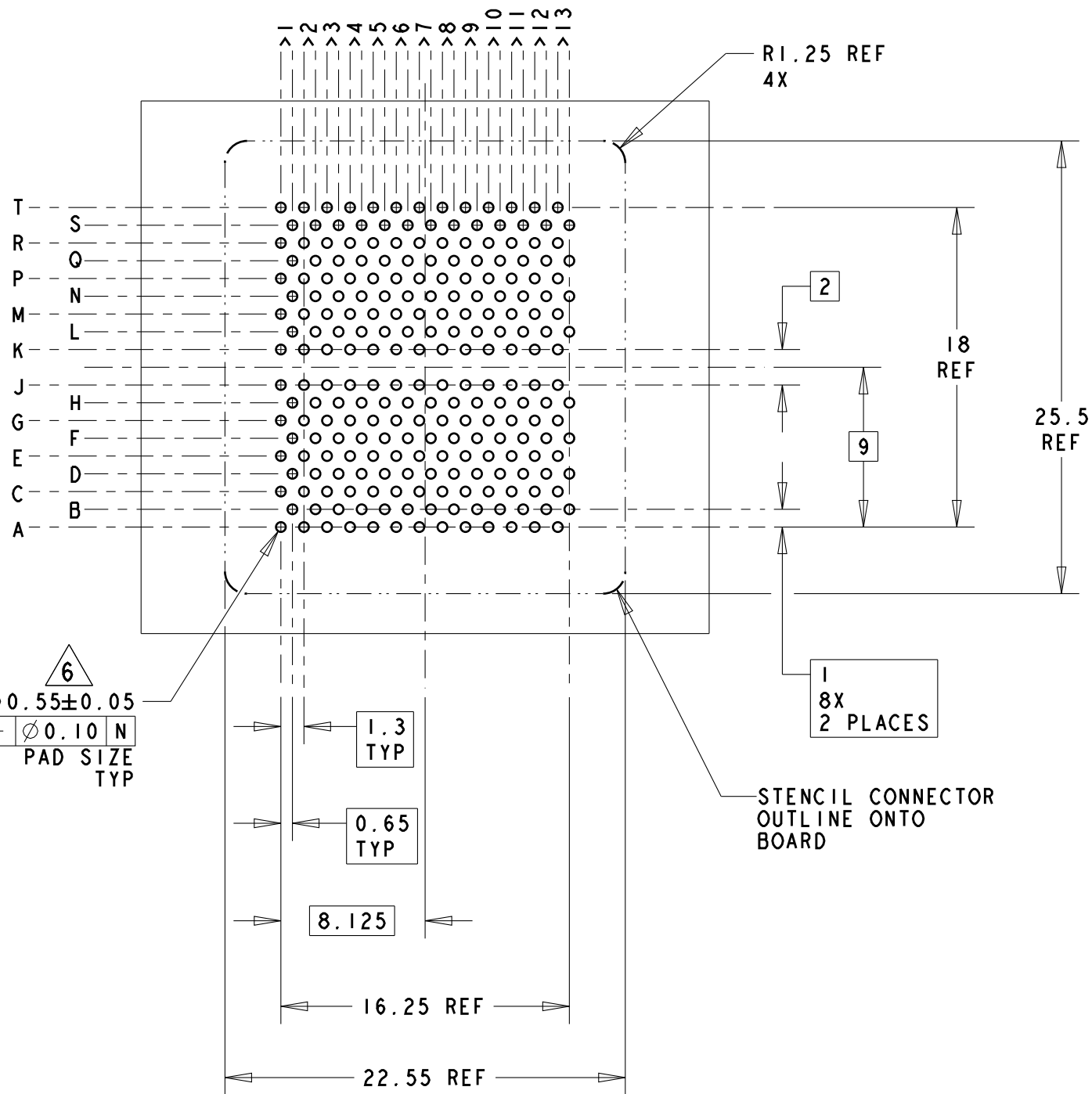
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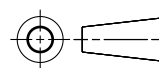
REVISIONS

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



PLUG INTERFACE
SCALE 8:1

4 5 BOARD PATTERN
SCALE 3:1

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DIMENSIONS: mm		CHK D WERTZ 20 JAN 05			
		APVD D WERTZ 20 JAN 05		NAME STEP-Z, PLUG ASSEMBLY, 104 SIGNAL POSITION -	
		PRODUCT SPEC -			
MATERIAL -		APPLICATION SPEC -		SIZE A3	
		WEIGHT -		CAGE CODE 00779	
TOLERANCES UNLESS OTHERWISE SPECIFIED:				DRAWING NO C-1761612	
0 PLC ±-				RESTRICTED TO -	
1 PLC ±0.3					
2 PLC ±0.10				SCALE -	
3 PLC ±0.050					
4 PLC ±-				SHEET 3 OF 3	
ANGLES ±2°					
FINISH -				REV A2	
		CUSTOMER DRAWING			