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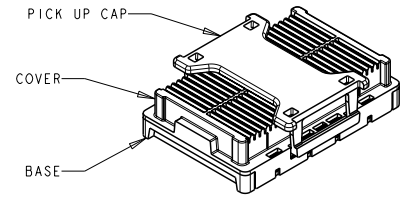
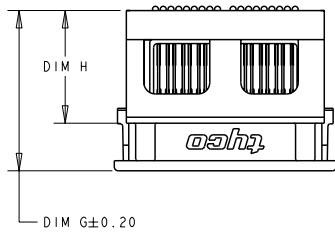
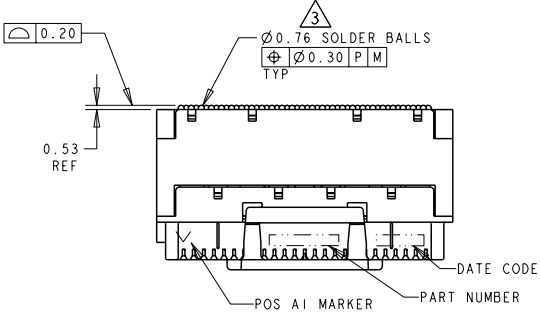
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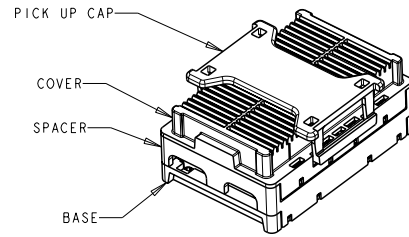
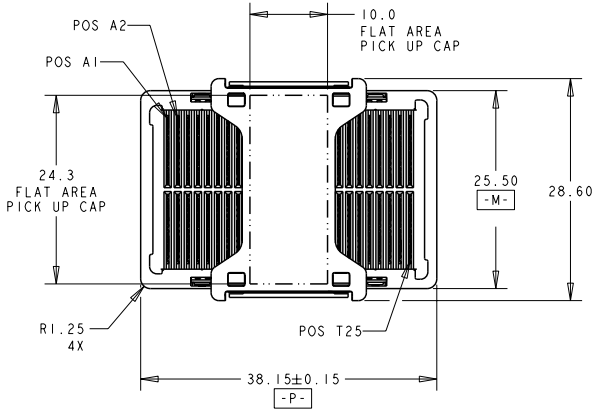
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REVISIONS						
P	LTR	DESCRIPTION	DATE	DWN	APVD	
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A3		REV PER ECO-07-020814	05SEP2007	BC	DD	
A4		REV PER ECO-07-026914	14NOV2007	BC	DD	

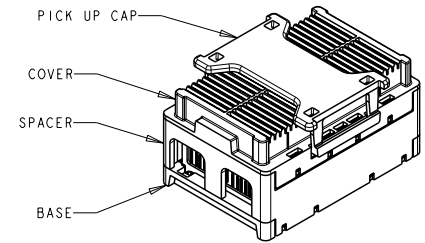


TYPICAL ASSEMBLY
 15mm SHOWN
 SCALE 2:1

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: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ± ANGLES ±°	NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101 WEIGHT - CUSTOMER DRAWING	SIZE A3 CAGE CODE 00779 DRAWING NO C-1761615 RESTRICTED TO -
MATERIAL 1 FINISH 2		SCALE - SHEET 1 OF 6 REV A4	

AMP 1470-19 REV 31MAR2000

Pre/ENGINEER DRAWING

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
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LOC	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 1761615-1 THRU 5-1761615-0
 Sn/Ag FOR P/N 5-1761615-1 THRU 9-1761615-9
- 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.
- 7 SOLDER PADS UNUSED, MAY BE OMITTED.
- 8 REFERENCE BOARD PATTERN FOR DIMENSIONS
 AND DETAILS NOT SHOWN.

DIM H	DIM G	LOAD STYLE	DESCRIPTION	PART NUMBER
14.51	20.65	SELECT LOAD-112 POSN-SEE VIEW 35	15mm Sn/Ag	8-1761615-5
14.51	20.65	SELECT LOAD-104 POSN-SEE VIEW 32	15mm Sn/Ag	8-1761615-2
4.51	10.65	SELECT LOAD-104 POSN-SEE VIEW 31	5mm Sn/Ag	8-1761615-1
14.51	20.65	FULL LOAD-200 POSN	15mm Sn/Ag	6-1761615-5
10.51	16.65	FULL LOAD-200 POSN	11mm Sn/Ag	6-1761615-1
4.51	10.65	FULL LOAD-200 POSN	5mm Sn/Ag	5-1761615-5
14.51	20.65	SELECT LOAD-120 POSN-SEE VIEW 33	15mm Sn/Pb	3-1761615-3
14.51	20.65	SELECT LOAD-104 POSN-SEE VIEW 32	15mm Sn/Pb	3-1761615-2
4.51	10.65	SELECT LOAD-104 POSN-SEE VIEW 31	5mm Sn/Pb	3-1761615-1
14.51	20.65	FULL LOAD-200 POSN	15mm Sn/Pb	1-1761615-5
10.51	16.65	FULL LOAD-200 POSN	11mm Sn/Pb	1-1761615-1
4.51	10.65	FULL LOAD-200 POSN	5mm Sn/Pb	1761615-5

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ± ANGLES ±°		DWN 21DEC04 P BRANDBERG CHK D WERTZ 05JAN05 APVD D WERTZ 05JAN05 PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101 WEIGHT - CUSTOMER DRAWING		Tyco Electronics Harrisburg, PA 17105-3608 NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION SIZE A3 CAGE CODE 00779 DRAWING NO C-1761615 RESTRICTED TO - SCALE - SHEET 2 OF 6 REV A4	
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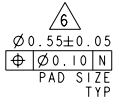
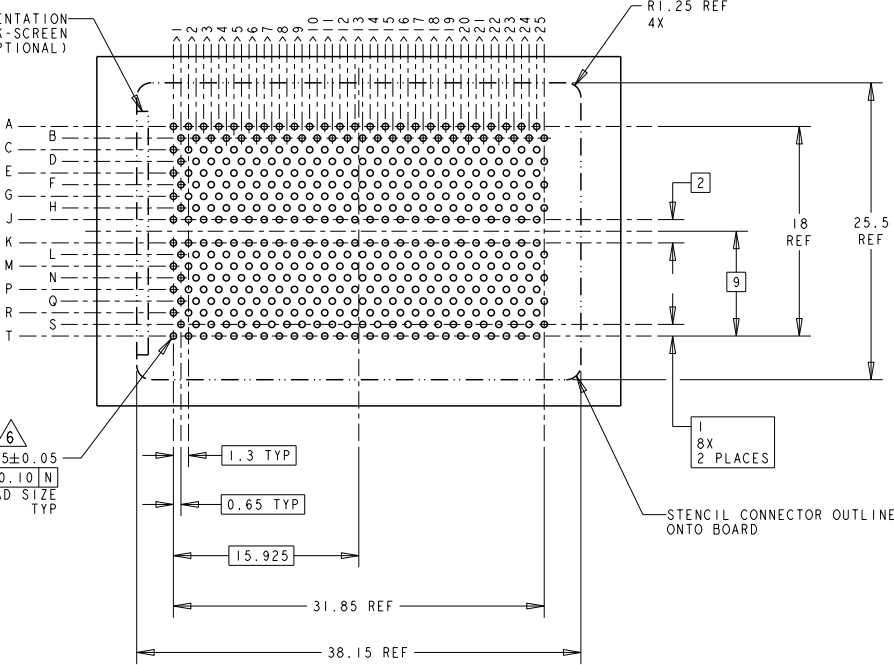
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	SEE SHEET 1	-	-	-

KEY ORIENTATION
SILK-SCREEN
(OPTIONAL)



4 5 BOARD PATTERN
SCALE 3:1

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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 ±°	NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101 WEIGHT - CUSTOMER DRAWING	SIZE A3 CAGE CODE 00779 DRAWING NO C-1761615 RESTRICTED TO - SCALE - SHEET 3 OF 6 REV A4

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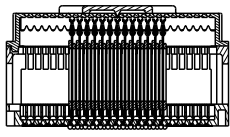
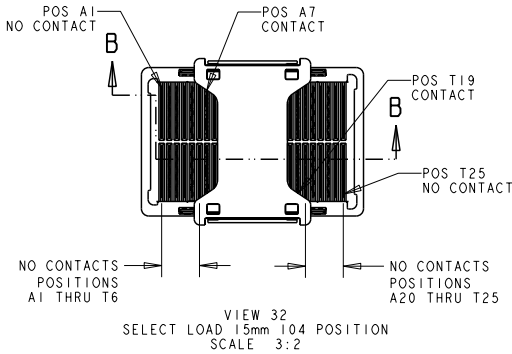
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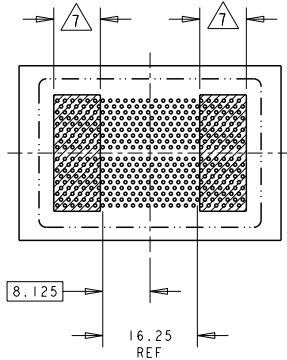
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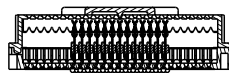
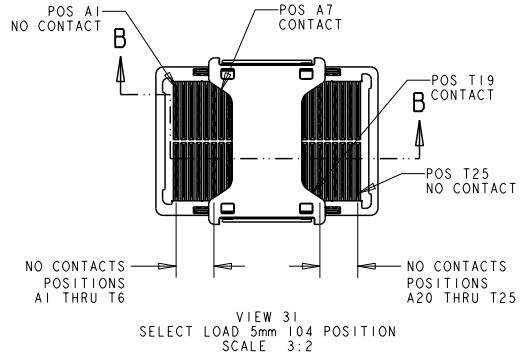
LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00	SEE SHEET 1	-	-	-	



SECTION B-B



VIEW 31 & VIEW 32 BOARD PATTERN SCALE 3:2

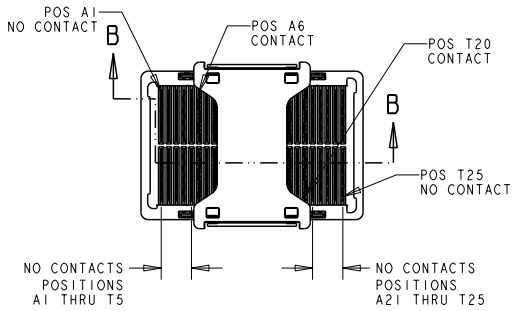


SECTION B-B

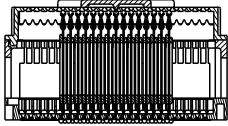
<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		DWN P BRANDBERG 21DEC04 CHK D WERTZ 05JAN05 APVD D WERTZ 05JAN05	Tyco Electronics Harrisburg, PA 17105-3608
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ±. ANGLES ±°	NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101 WEIGHT - CUSTOMER DRAWING	SIZE A3 CAGE CODE 00779 DRAWING NO C-1761615 RESTRICTED TO - SCALE - SHEET 4 OF 6 REV A4

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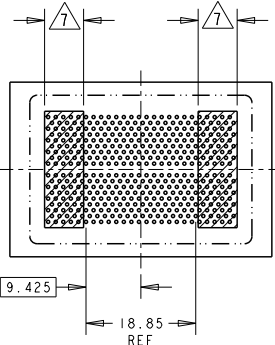
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P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00	SEE SHEET 1	-	-	-	



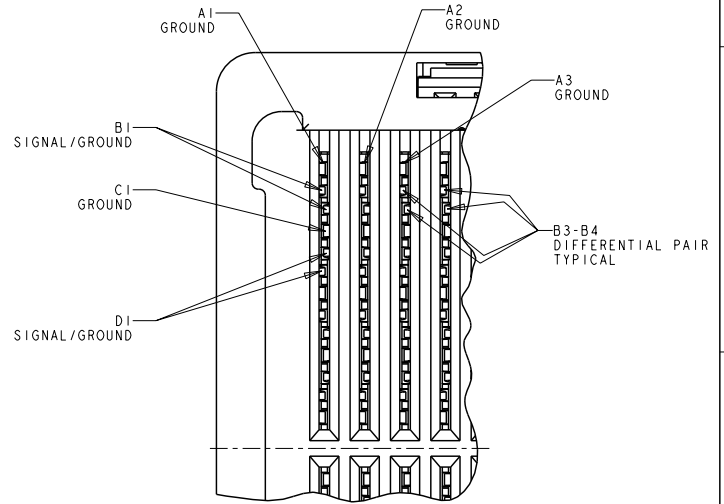
VIEW 33
 SELECT LOAD 15mm 120 POSITION
 SCALE 3:2



SECTION B-B



VIEW 33
 SELECT LOAD 120 POSITION
 BOARD PATTERN
 SCALE 3:2



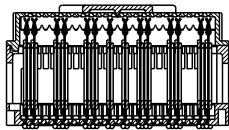
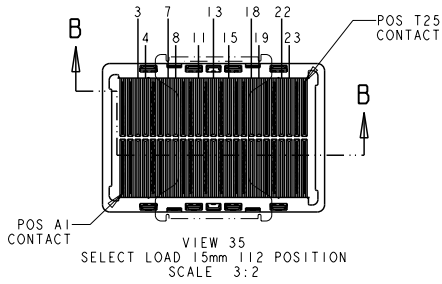
RECEPTACLE INTERFACE
 SCALE 8:1

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MATERIAL	FINISH	WEIGHT	CUSTOMER DRAWING
		SCALE	SHEET 5 OF 6 REV A4

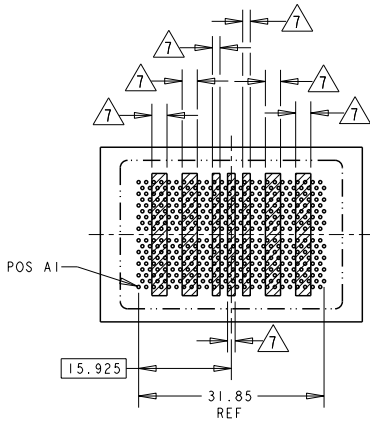
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LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00	SEE SHEET 1	-	-	-	

NO CONTACTS IN THESE COLUMNS



SECTION B-B



VIEW 35
 SELECT LOAD 112 POSITION
 BOARD PATTERN
 SCALE 3:2

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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 ±°	NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION	RESTRICTED TO
MATERIAL -	FINISH -	APPLICATION SPEC 108-2143	SIZE CAGE CODE DRAWING NO A3 00779 C-1761615
CUSTOMER DRAWING		WEIGHT -	SCALE - SHEET 6 OF 6 REV A4