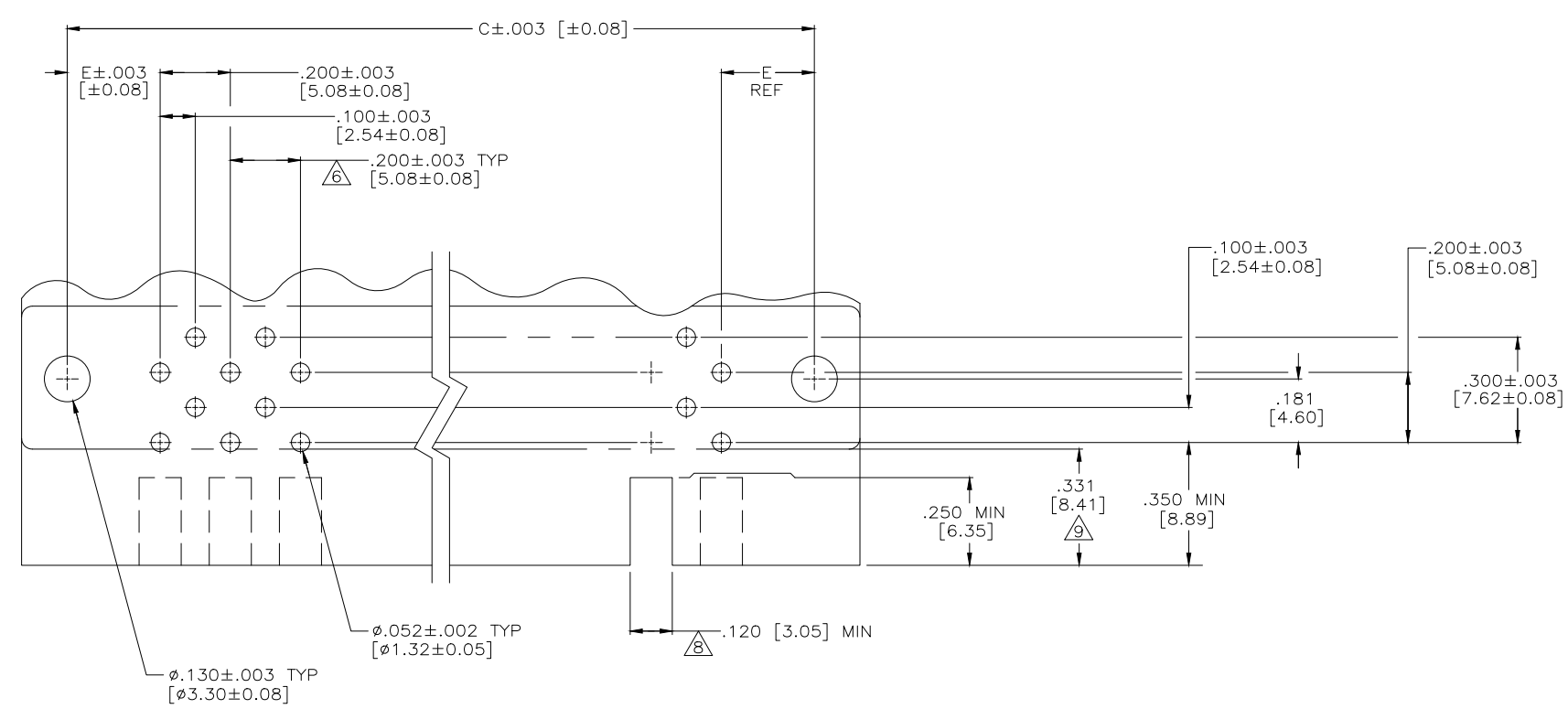
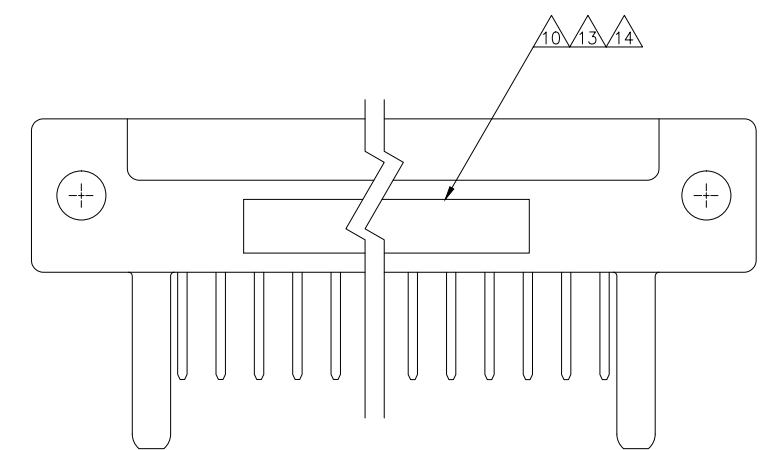
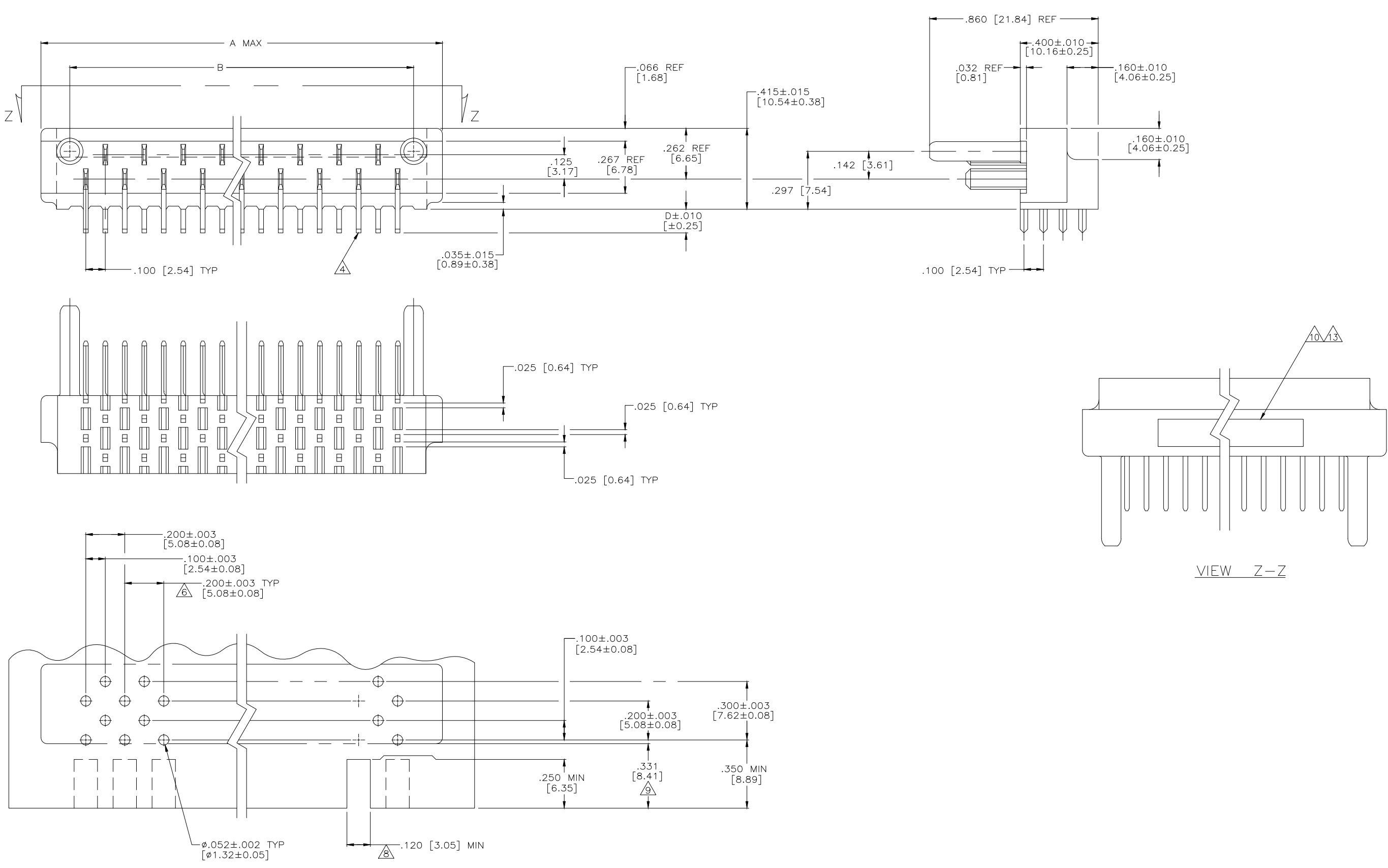




|                                                                                                                |  |                                                                                                                                                  |  |                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                         |  | DWN 30JUN2015<br>RAGHAV SATISH<br>OK 30JUN2015<br>CHARLES THOMAS<br>APVD 30JUN2015<br>CHARLES THOMAS                                             |  |  TE Connectivity |  |
| DIMENSIONS:<br>INCHES<br> |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 P/LC ± -<br>1 P/LC ± -<br>2 P/LC ± -<br>3 P/LC ± .005 [0.13]<br>4 P/LC ± -<br>ANGLES ± -<br>FINISH - |  | NAME<br>ASSEMBLY, AMP BLADE<br>TAB HOUSING<br>-                                                       |  |
| MATERIAL<br>              |  | WEIGHT -                                                                                                                                         |  | SIZE<br>A1                                                                                            |  |
|                                                                                                                |  | APPLICATION SPEC -                                                                                                                               |  | CAGE CODE<br>00779                                                                                    |  |
|                                                                                                                |  | CUSTOMER DRAWING                                                                                                                                 |  | DRAWING NO<br>C=582152                                                                                |  |
|                                                                                                                |  |                                                                                                                                                  |  | RESTRICTED TO<br>-                                                                                    |  |
|                                                                                                                |  |                                                                                                                                                  |  | SCALE 4:1 SHEET 1 OF 3 REV AW                                                                         |  |



RECOMMENDED P.C. BOARD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWG  
RAGHAV SATISH  
30JUN2015

CHK  
CHARLES THOMAS  
30JUN2015

APP'D  
CHARLES THOMAS  
30JUN2015

DIMENSIONS:  
INCHES

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ± -  
1 PLC ± -  
2 PLC ± -  
3 PLC ± .005 [0.13]  
4 PLC ± -  
ANGLES ± -  
FINISH

MATERIAL  
SEE SHEET 1

TE Connectivity

NAME  
ASSEMBLY, AMP BLADE  
TAB HOUSING

SIZE  
A1

CAGE CODE  
00779

DRAWING NO.  
582152

RESTRICTED TO  
-

CUSTOMER DRAWING

SCALE  
4:1

SHEET  
2

OF  
3

REV  
AW

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

DF

HO

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

SEE SHEET 1

-

-

-

WITH MOUNTING HOLES

WITHOUT MOUNTING HOLES

| PART NO.   | NO OF CONT. | A     | B     | C     | D    | E    | P.C. BD. THICKNESS | NOTE           | MARKING   |
|------------|-------------|-------|-------|-------|------|------|--------------------|----------------|-----------|
| 3-582152-1 | 17          | 2.390 | 1.764 | 2.130 | .120 | .265 | .0625              |                | -         |
| 3-582152-2 | 23          | 2.990 | 2.364 | 2.730 | .120 | .265 | .0625              |                | -         |
| 3-582152-3 | 29          | 3.590 | 2.964 | 3.330 | .120 | .265 | .0625              |                | -         |
| 3-582152-4 | 35          | 4.190 | 3.564 | 3.930 | .120 | .265 | .0625              |                | -         |
| 3-582152-5 | 41          | 4.790 | 4.164 | 4.530 | .120 | .265 | .0625              |                | -         |
| 3-582308-1 | 47          | 5.623 | 4.764 | 5.363 | .120 | .381 | .0625              |                | -         |
| 582852-4   | 41          | 4.790 | 4.164 | 4.530 | .120 | .265 | .0625              |                | -         |
| 4-582308-1 | 47          | 5.623 | 4.764 | 5.363 | .120 | .381 | .0625              |                | OBSOLETE- |
| 4-582152-1 | 17          | 2.390 | 1.764 | 2.130 | .120 | .265 | .0625              |                | OBSOLETE- |
| 4-582152-3 | 29          | 3.590 | 2.964 | 3.330 | .120 | .265 | .0625              |                | OBSOLETE- |
| 5-582843-0 | 23          | 2.990 | 2.364 | 2.730 | .120 | .265 | .0625              |                | -         |
| 5-582843-1 | 47          | 5.623 | 4.764 | 5.363 | .120 | .381 | .0625              |                | -         |
| 582843-2   | 17          | 2.390 | 1.764 | 2.130 | .120 | .265 | .0625              | M 21097/ 14-01 | -         |
| 582843-3   | 23          | 2.990 | 2.364 | 2.730 | .120 | .265 | .0625              | M 21097/ 14-04 | -         |
| 582843-4   | 29          | 3.590 | 2.964 | 3.330 | .120 | .265 | .0625              | M 21097/ 14-07 | -         |
| 582843-5   | 35          | 4.190 | 3.564 | 3.930 | .120 | .265 | .0625              | M 21097/ 14-10 | -         |
| 582843-6   | 41          | 4.790 | 4.164 | 4.530 | .120 | .265 | .0625              | M 21097/ 14-13 | -         |
| 582843-7   | 47          | 5.623 | 4.764 | 5.363 | .120 | .381 | .0625              | M 21097/ 14-16 | -         |
| 582907-1   | 29          | 3.590 | 2.964 | 3.330 | .120 | .265 | .0625              |                | OBSOLETE- |
| 6-582152-1 | 17          | 2.390 | 1.764 | 2.130 | .152 | .265 | .0937              |                | OBSOLETE- |
| 6-582152-2 | 23          | 2.990 | 2.364 | 2.730 | .152 | .265 | .0937              |                | OBSOLETE- |
| 6-582152-3 | 29          | 3.590 | 2.964 | 3.330 | .152 | .265 | .0937              |                | OBSOLETE- |
| 6-582152-4 | 35          | 4.190 | 3.564 | 3.930 | .152 | .265 | .0937              |                | -         |
| 6-582152-5 | 41          | 4.790 | 4.164 | 4.530 | .152 | .265 | .0937              |                | -         |
| 6-582308-1 | 47          | 5.623 | 4.764 | 5.363 | .152 | .381 | .0937              |                | -         |
| 7-582308-1 | 47          | 5.623 | 4.764 | 5.363 | .152 | .381 | .0937              |                | OBSOLETE- |
| 1-582843-4 | 17          | 2.390 | 1.764 | 2.130 | .152 | .265 | .0937              | M 21097/ 14-02 | -         |
| 582843-1   | 23          | 2.990 | 2.364 | 2.730 | .152 | .265 | .0937              | M 21097/ 14-05 | -         |
| 1-582843-5 | 29          | 3.590 | 2.964 | 3.330 | .152 | .265 | .0937              | M 21097/ 14-08 | -         |
| 1-582843-6 | 35          | 4.190 | 3.564 | 3.930 | .152 | .265 | .0937              | M 21097/ 14-11 | -         |
| 1-582843-7 | 41          | 4.790 | 4.164 | 4.530 | .152 | .265 | .0937              | M 21097/ 14-14 | -         |
| 1-582843-8 | 47          | 5.623 | 4.764 | 5.363 | .152 | .381 | .0937              | M 21097/ 14-17 | -         |
| 9-582152-1 | 17          | 2.390 | 1.764 | 2.130 | .183 | .265 | .125               |                | OBSOLETE- |
| 9-582152-2 | 23          | 2.990 | 2.364 | 2.730 | .183 | .265 | .125               |                | OBSOLETE- |
| 9-582152-3 | 29          | 3.590 | 2.964 | 3.330 | .183 | .265 | .125               |                | OBSOLETE- |
| 9-582152-4 | 35          | 4.190 | 3.564 | 3.930 | .183 | .265 | .125               |                | OBSOLETE- |
| 9-582152-5 | 41          | 4.790 | 4.164 | 4.530 | .183 | .265 | .125               |                | -         |
| 9-582308-1 | 47          | 5.623 | 4.764 | 5.363 | .183 | .381 | .125               |                | OBSOLETE- |
| 2-582843-5 | 17          | 2.390 | 1.764 | 2.130 | .183 | .265 | .125               | M 21097/ 14-03 | -         |
| 2-582843-6 | 23          | 2.990 | 2.364 | 2.730 | .183 | .265 | .125               | M 21097/ 14-06 | -         |
| 2-582843-7 | 29          | 3.590 | 2.964 | 3.330 | .183 | .265 | .125               | M 21097/ 14-09 | -         |
| 2-582843-8 | 35          | 4.190 | 3.564 | 3.930 | .183 | .265 | .125               | M 21097/ 14-12 | -         |
| 2-982843-9 | 41          | 4.790 | 4.164 | 4.530 | .183 | .265 | .125               | M 21097/ 14-15 | -         |
| 3-582843-0 | 47          | 5.623 | 4.764 | 5.363 | .183 | .381 | .125               | M 21097/ 14-18 | -         |

| PART NO.   | NO OF CONT. | A     | B     | C | D    | E | P.C. BD. THICKNESS | NOTE          | MARKING   |
|------------|-------------|-------|-------|---|------|---|--------------------|---------------|-----------|
| 3-582152-6 | 17          | 2.070 | 1.764 | - | .120 | - | .0625              |               | OBSOLETE- |
| 3-582152-7 | 23          | 2.670 | 2.364 | - | .120 | - | .0625              |               | -         |
| 3-582152-8 | 29          | 3.270 | 2.964 | - | .120 | - | .0625              |               | -         |
| 3-582152-9 | 35          | 3.870 | 3.564 | - | .120 | - | .0625              |               | -         |
| 3-582152-0 | 41          | 4.470 | 4.164 | - | .120 | - | .0625              |               | -         |
| 3-582308-2 | 47          | 5.070 | 4.764 | - | .120 | - | .0625              |               | -         |
| 2-582152-9 | 35          | 3.870 | 3.564 | - | .120 | - | .0625              |               | -         |
| 582152-1   | 23          | 2.670 | 2.364 | - | .120 | - | .0625              |               | -         |
| 582152-2   | 47          | 5.070 | 4.764 | - | .120 | - | .0625              |               | -         |
| 582152-3   | 35          | 3.870 | 3.564 | - | .120 | - | .0625              |               | -         |
| 582843-8   | 17          | 2.070 | 1.764 | - | .120 | - | .0625              | M 21097/15-01 | -         |
| 582843-9   | 23          | 2.670 | 2.364 | - | .120 | - | .0625              | M 21097/15-04 | -         |
| 1-582843-0 | 29          | 3.270 | 2.964 | - | .120 | - | .0625              | M 21097/15-07 | -         |
| 1-582843-1 | 35          | 3.870 | 3.564 | - | .120 | - | .0625              | M 21097/15-10 | -         |
| 1-582843-2 | 41          | 4.470 | 4.164 | - | .120 | - | .0625              | M 21097/15-13 | -         |
| 1-582843-3 | 47          | 5.070 | 4.764 | - | .120 | - | .0625              | M 21097/15-16 | -         |
| 6-582152-6 | 17          | 2.070 | 1.764 | - | .152 | - | .0937              |               | OBSOLETE- |
| 6-582152-7 | 23          | 2.670 | 2.364 | - | .152 | - | .0937              |               | -         |
| 6-582152-8 | 29          | 3.270 | 2.964 | - | .152 | - | .0937              |               | OBSOLETE- |
| 6-582152-9 | 35          | 3.870 | 3.564 | - | .152 | - | .0937              |               | OBSOLETE- |
| 6-582152-0 | 41          | 4.470 | 4.164 | - | .152 | - | .0937              |               | -         |
| 6-582308-2 | 47          | 5.070 | 4.764 | - | .152 | - | .0937              |               | -         |
| 1-582843-9 | 17          | 2.070 | 1.764 | - | .152 | - | .0937              | M 21097/15-02 | -         |
| 2-582843-0 | 23          | 2.670 | 2.364 | - | .152 | - | .0937              | M 21097/15-05 | -         |
| 2-582843-1 | 29          | 3.270 | 2.964 | - | .152 | - | .0937              | M 21097/15-08 | -         |
| 2-582843-2 | 35          | 3.870 | 3.564 | - | .152 | - | .0937              | M 21097/15-11 | -         |
| 2-582843-3 | 41          | 4.470 | 4.164 | - | .152 | - | .0937              | M 21097/15-14 | -         |
| 2-582843-4 | 47          | 5.070 | 4.764 | - | .152 | - | .0937              | M 21097/15-17 | -         |
| 9-582152-6 | 17          | 2.070 | 1.764 | - | .183 | - | .125               |               | OBSOLETE- |
| 9-582152-7 | 23          | 2.670 | 2.364 | - | .183 | - | .125               |               | OBSOLETE- |
| 9-582152-8 | 29          | 3.270 | 2.964 | - | .183 | - | .125               |               | OBSOLETE- |
| 9-582152-9 | 35          | 3.870 | 3.564 | - | .183 | - | .125               |               | OBSOLETE- |
| 9-582152-0 | 41          | 4.470 | 4.164 | - | .183 | - | .125               |               | OBSOLETE- |
| 9-582308-2 | 47          | 5.070 | 4.764 | - | .183 | - | .125               |               | OBSOLETE- |
| 3-582843-1 | 17          | 2.070 | 1.764 | - | .183 | - | .125               | M 21097/15-03 | -         |
| 3-582843-2 | 23          | 2.670 | 2.364 | - | .183 | - | .125               | M 21097/15-06 | -         |
| 3-582843-3 | 29          | 3.270 | 2.964 | - | .183 | - | .125               | M 21097/15-09 | -         |
| 3-582843-4 | 35          | 3.870 | 3.564 | - | .183 | - | .125               | M 21097/15-12 | -         |
| 3-582843-5 | 41          | 4.470 | 4.164 | - | .183 | - | .125               | M 21097/15-15 | -         |
| 3-582843-6 | 47          | 5.070 | 4.764 | - | .183 | - | .125               | M 21097/15-18 | -         |

1. TAB-HOUSING ASSEMBLY MATES WITH AMP P/N 3-582151 SERIES.

2. BLADE CENTER LINE TO BE MEASURED FROM THE CENTER LINE FORMED BY THE ALIGNMENT PINS & AS LONG AS THE BLADES FALL WITHIN TOLERANCES INDICATED, THE ALLOWABLE WARPAGE IS INDEPENDENT OF THE BLADES & BECOMES A MEASUREMENT OF THE OUTSIDE SURFACE OF THE TAB-HOUSING & DOES NOT EFFECT THE MATING OF THIS TAB-HOUSING WITH 582151.

3. MOUNTING HOLES.

4. POST TO BE SOLDER DIPPED. CONN. MUST MEET REQUIREMENTS OF AMP SPEC 109-11-1.

5. CONTACT MATL.; GILDING METAL. GOLD OVER NICKEL.

6. TOLERANCE NON CUMULATIVE.

7. TAB-HOUSING MATL.; DIALLYL PHTHALATE, GLASS FILLED PER MIL-M-14, TYPE S.D.G.-F. COLOR; GREEN.

8. CUT OUT FOR KEYING BOSS, LOCATED WHERE REQD. (OPTIONAL)

9. FROM EDGE OF P.C. BOARD TO FACE OF TAB-HOUSING.

10. TYCO ELECTRONICS P/N NOT TO BE MARKED ON PART. AMP, DATE CODE, AND CUSTOMER PART NO. MARKED PER TABLE.

11. CONTACT FINISH; .0001 THK. GOLD, OVER NICKEL.

12. TAB-HOUSING MATL.; COLOR, GREY.

13. AMP, TYCO ELECTRONICS PART NO. AND DATE CODE MARKED PER TABLE IN THIS APPROX AREA.

14. CUSTOMER PART NO. MARKED PER TABLE IN THIS APPROX AREA.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES



MATERIAL SEE SHEET 1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005 [0.13]

4 PLC ± -

ANGLES ± -

FINISH

SEE SHEET 1

DWN RAGHAV SATISH 30JUN2015

CHK CHARLES THOMAS 30JUN2015

APVD CHARLES THOMAS 30JUN2015

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

ASSEMBLY, AMP BLADE TAB HOUSING

SIZE A1

CAGE CODE 00779

DRAWING NO 582152

RESTRICTED TO -

SCALE 4:1

SHEET 3 OF 3

REV AV

4806 (3/11)