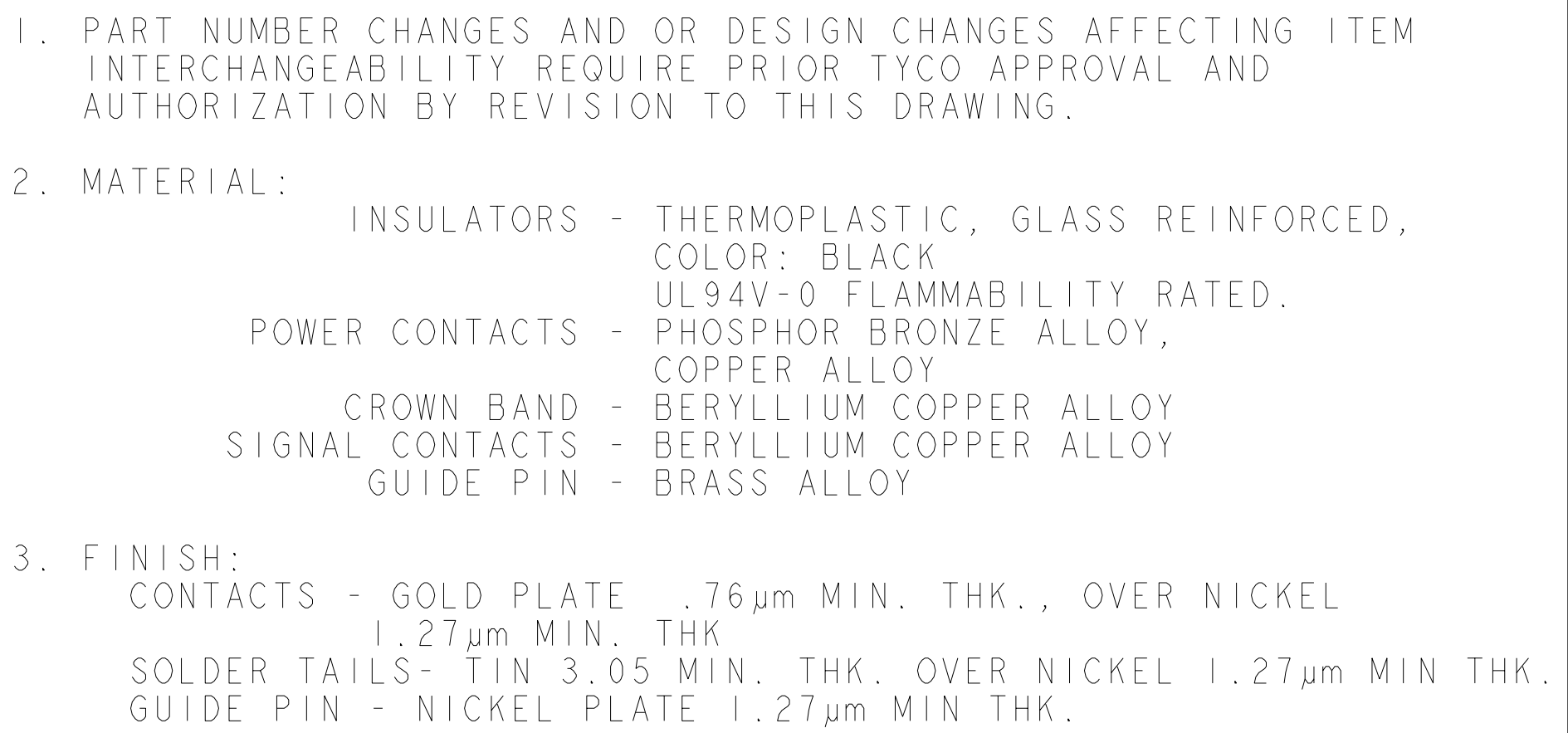




4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

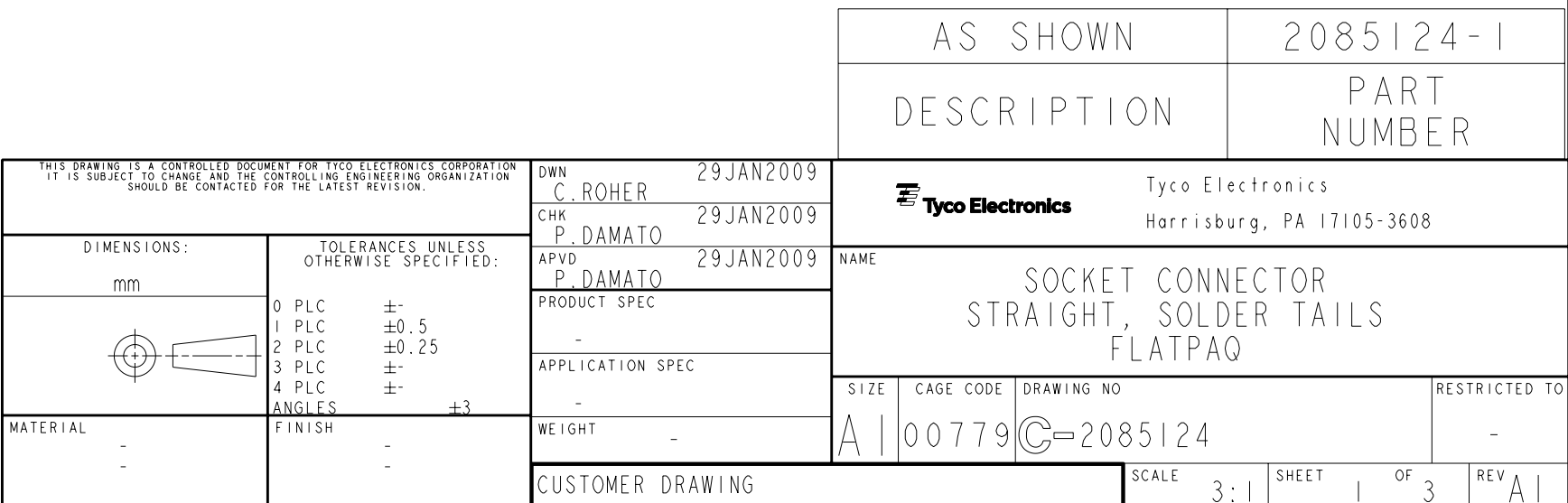
YEAR WEEK

TYCO ELECTRONICS PART NO. DATE CODE (e.g. 0106)

XXXXXXXX-X XXXX

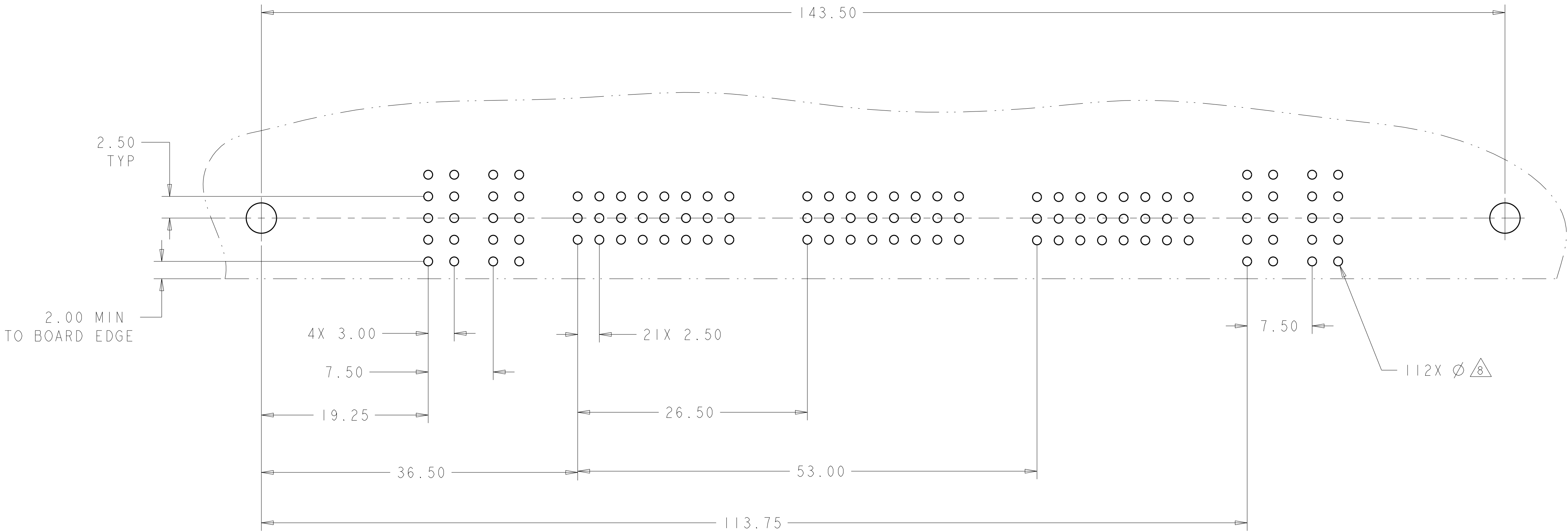
5. MOUNTING FLANGES ACCEPT #6 SCREWS. (USER SUPPLIED)

6. CONNECTOR MATES WITH PN 2085123-1





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



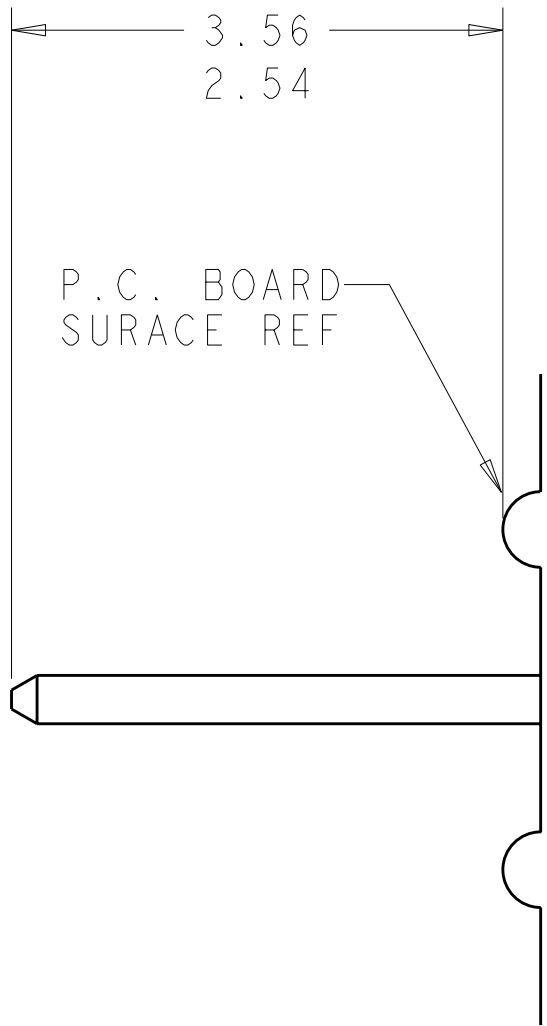
PRINTED CIRCUIT LAYOUT  
COMPONENT SIDE

| CONNECTOR | CATALOG MODULE # | QTY | SIZE NO.               | CONTACT QTY | MATING PIN   | MAX. CURRENT (PER CONTACT) | CONTACT SPACING | VOLTAGE RATING |
|-----------|------------------|-----|------------------------|-------------|--------------|----------------------------|-----------------|----------------|
| SOCKET    | FP318            | 3   | 22                     | 72          | .64 SQ.      | 3 amps                     | 2.50            | 125 VOLTS      |
|           | FPI61            | 4   | 8                      | 4           | 1.25 X 7.00. | 35 amps                    | 7.50            | 250 VOLTS      |
|           | FP503            | 1   | STRAIGHT GUIDE PIN     |             |              |                            |                 |                |
|           | FP500            | 1   | MOUNTING FLANGE, LEFT  |             |              |                            |                 |                |
|           | FP501            | 1   | MOUNTING FLANGE, RIGHT |             |              |                            |                 |                |

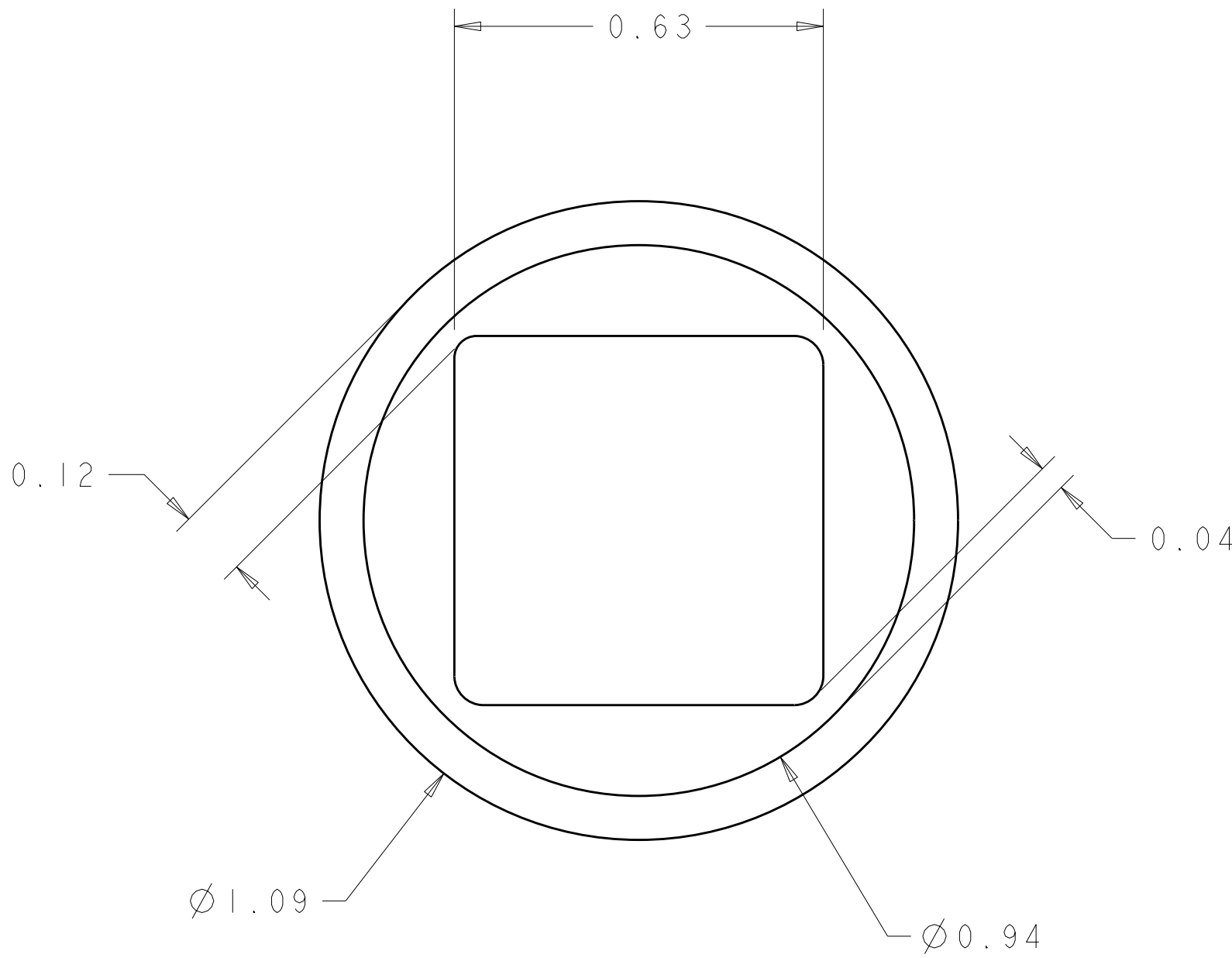
|                                                                                                                                                                                                                                                                                                                                                               |  |                                |                                               |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|-----------------------------------------------|---------|
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| DIMENSIONS:<br>mm                                                                                                                                                                                                                                                                                                                                             |  | CHK<br>P. DAMATO<br>29JAN2009  | NAME                                          |         |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>9 PLC ±.5<br>1 PLC ±0.5<br>2 PLC ±0.25<br>3 PLC ±.5<br>4 PLC ±.5<br>ANGLES ±.5<br>FINISH ±.5                                                                                                                                                                                                                        |  | APVD<br>P. DAMATO<br>29JAN2009 | PRODUCT SPEC                                  |         |
| MATERIAL<br>-                                                                                                                                                                                                                                                                                                                                                 |  | APPLICATION SPEC               | SIZE<br>A100779                               |         |
| CUSTOMER DRAWING                                                                                                                                                                                                                                                                                                                                              |  | WEIGHT<br>-                    | DRAWING NO.<br>C=2085124                      |         |
| SCALE<br>3:1                                                                                                                                                                                                                                                                                                                                                  |  | SHEET<br>2                     |                                               | OF<br>3 |
| REV<br>A1                                                                                                                                                                                                                                                                                                                                                     |  |                                |                                               |         |



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



7. SOLDER PIN DETAIL  
SCALE 10 : 1



SOLDER TERMNIATION AREA  
SCALE 40:1  
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE  
FINISHED HOLE: Ø1.02 ±.08  
DRILLED HOLE: Ø1.15 ±.013  
COPPER PLATE: .025 MIN  
TIN PLATE: .008 MIN. (PER SURFACE)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                   |           |                                               |  |  |  |                                                       |  |  |                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------------------|-----------|-----------------------------------------------|--|--|--|-------------------------------------------------------|--|--|------------------|--|
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | CHK<br>P. DAMATO  | 29JAN2009 |                                               |  |  |  | NAME                                                  |  |  |                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | APVD<br>P. DAMATO | 29JAN2009 |                                               |  |  |  | SOCKET CONNECTOR<br>STRAIGHT, SOLDER TAILS<br>FLATPAQ |  |  |                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | PRODUCT SPEC      |           |                                               |  |  |  |                                                       |  |  | SIZE             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | APPLICATION SPEC  |           |                                               |  |  |  |                                                       |  |  | CAGE CODE        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | WEIGHT            |           |                                               |  |  |  |                                                       |  |  | DRAWING NO       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | CUSTOMER DRAWING  |           |                                               |  |  |  |                                                       |  |  | A100779C=2085124 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | SCALE             |           |                                               |  |  |  |                                                       |  |  | 3:1              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | SHEET             |           |                                               |  |  |  |                                                       |  |  | 3                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | OF                |           |                                               |  |  |  |                                                       |  |  | 3                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | REV               |           |                                               |  |  |  |                                                       |  |  | A                |  |