Jameco Part Number 1973921

| 4 | 3 | 2 | 1 |

LOC	DIST			REVISIONS			
AG	67	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	REVISED PER ECO-06-001742	31JAN06	JDP	JGH

Ø.048 MIN   Ø.125 MAX

.007 MAX CUTOFF TAB

.035 MAX

.262
.244

△5

TYPICAL COMPONENT

SOLDER FILLET

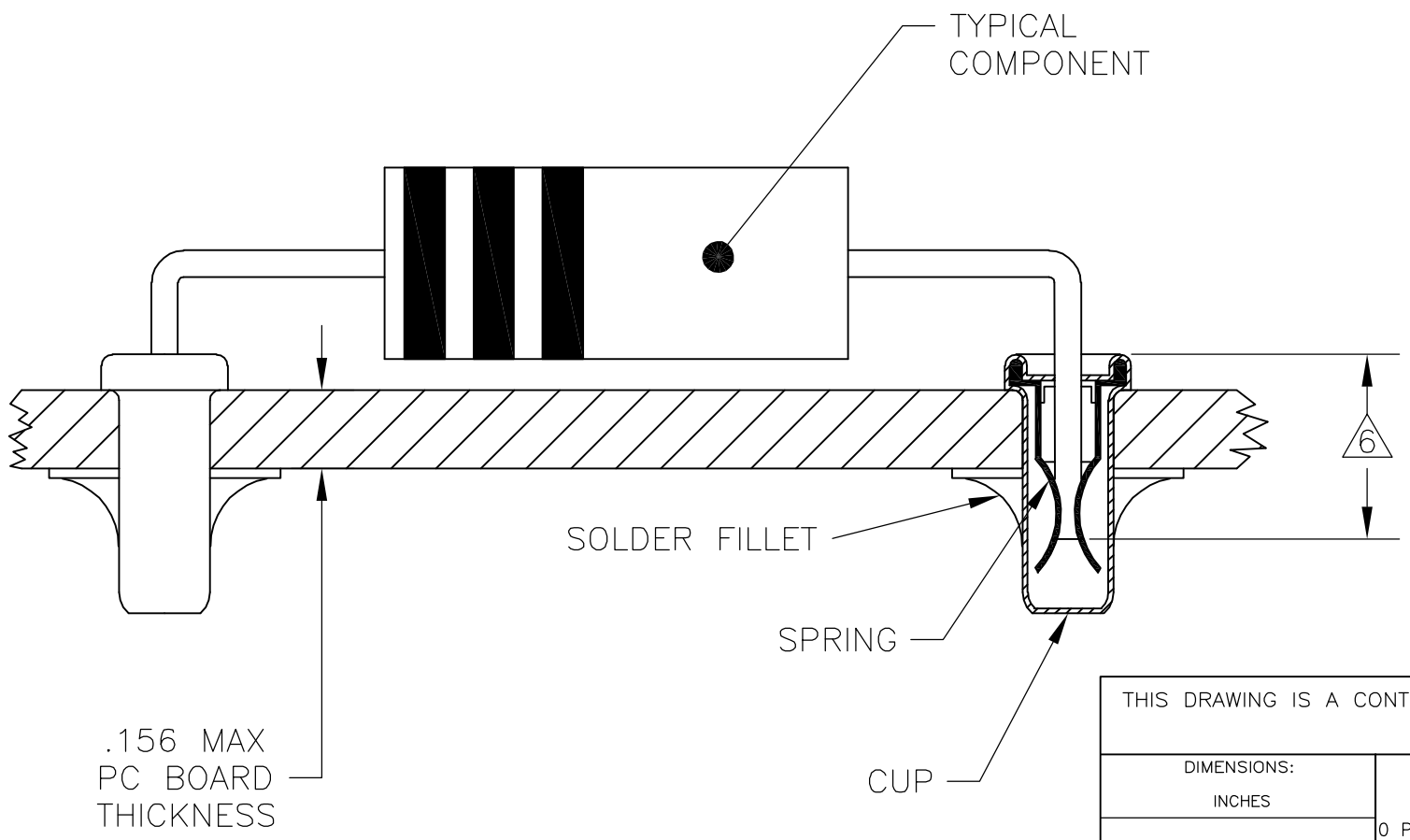SPRING

CUP

.156 MAX
PC BOARD
THICKNESS

△6

NOTES:
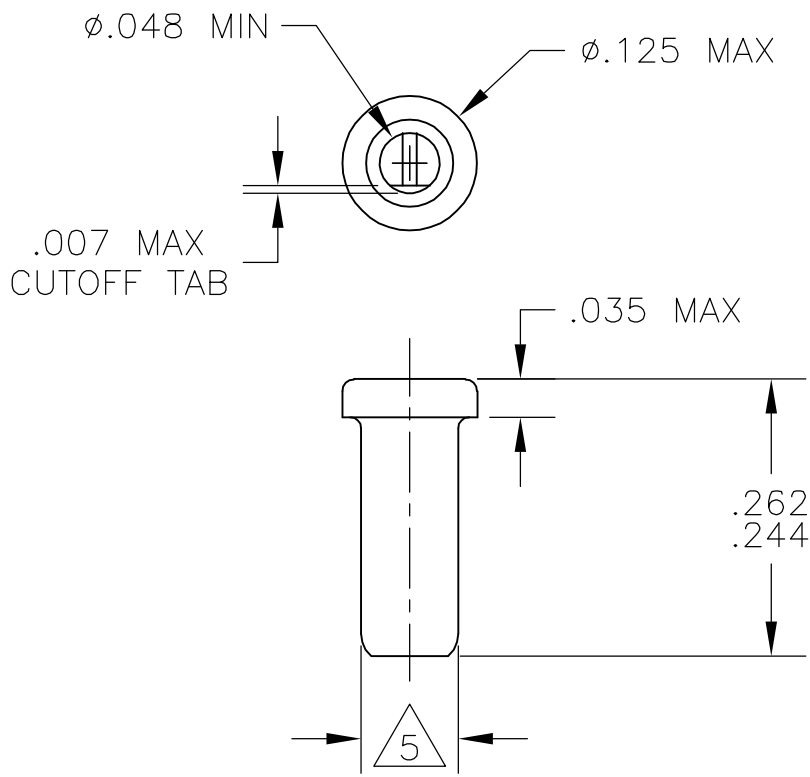
△1 MATERIALS:
CUP: COPPER PER ASTM B 152
SPRING: BERYLLIUM COPPER PER ASTM B 194

△2 TIN PLATE PER ASTM B 545 .000080 MIN THICK.

△3 GOLD PLATE PER ASTM B 488 .000030 MIN THICK OVER
NICKEL PLATE PER QQ-N-290 IN CONTACT AREA.

△4 TIN PLATE PER ASTM B 545 .000100 MIN THICK.

△5 PART FITS INTO A #43 DRILLED HOLE (Ø.0890±.0015)
FOR HAND INSERTION, AND A #44 DRILLED HOLE
(Ø.0860±.0015) FOR MACHINE INSERTION.

△6 .145 MIN INSERTION DEPTH REQUIRED FOR A RELIABLE
CONNECTION.

7. SPRING TO BE SECURED IN CUP WITH NO SPRING
ROTATION PERMISSIBLE.

8. LEAD RANGES AND PERFORMANCE RESULTS:

LEAD RANGES (DIA)	.018−.020	.025−.032	.035−.040
MAX INSERTION FORCE (OZ)	17	37	48
MIN EXTRACTION FORCE (OZ)	1.0	1.5	2.0
MILLIVOLT DROP (mV MAX)	2.00	1.75	1.50

TIN △4	TIN △2	5380598-3		
	GOLD △3	5380598-2		
CUP	SPRING	PART NO.		
PLATING				

DWN	J. HAVENER	18OCT2005
CHK	J. HAVENER	18OCT2005
APVD	J. HAVENER	18OCT2005

DIMENSIONS:
INCHES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	± −
1 PLC	± −
2 PLC	± −
3 PLC	± .015
4 PLC	± −
ANGLES	± 1°

PRODUCT SPEC
108-1079

APPLICATION SPEC
114-1055

MATERIAL   FINISH

△1   SEE TABLE

tyco Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME

REUSABLE COMPONENT
RECEPTACLE
−

SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
A3	00779	C-5380598		−

WEIGHT −

CUSTOMER DRAWING

| SCALE NTS | SHEET 1 OF 1 | REV A |