

4

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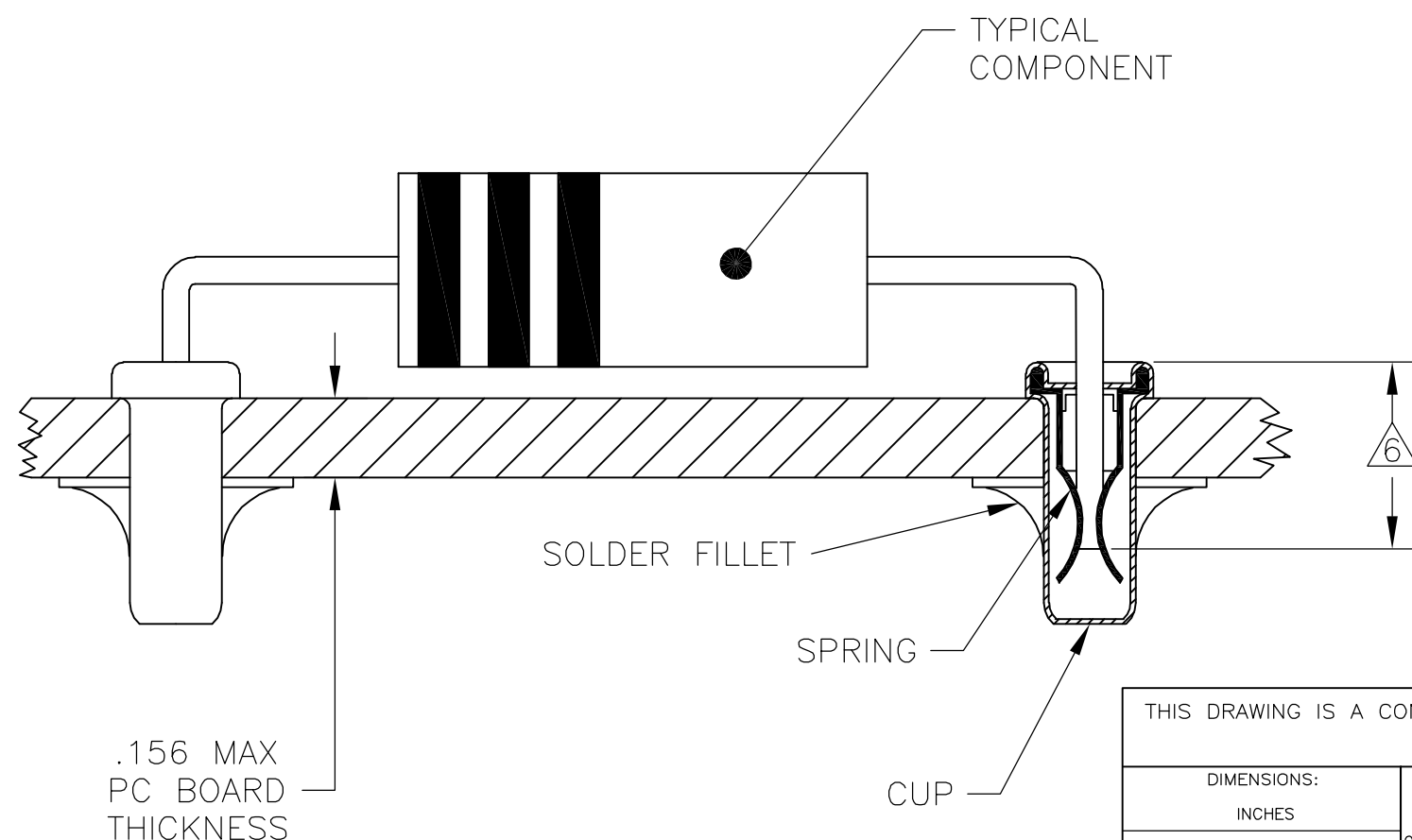
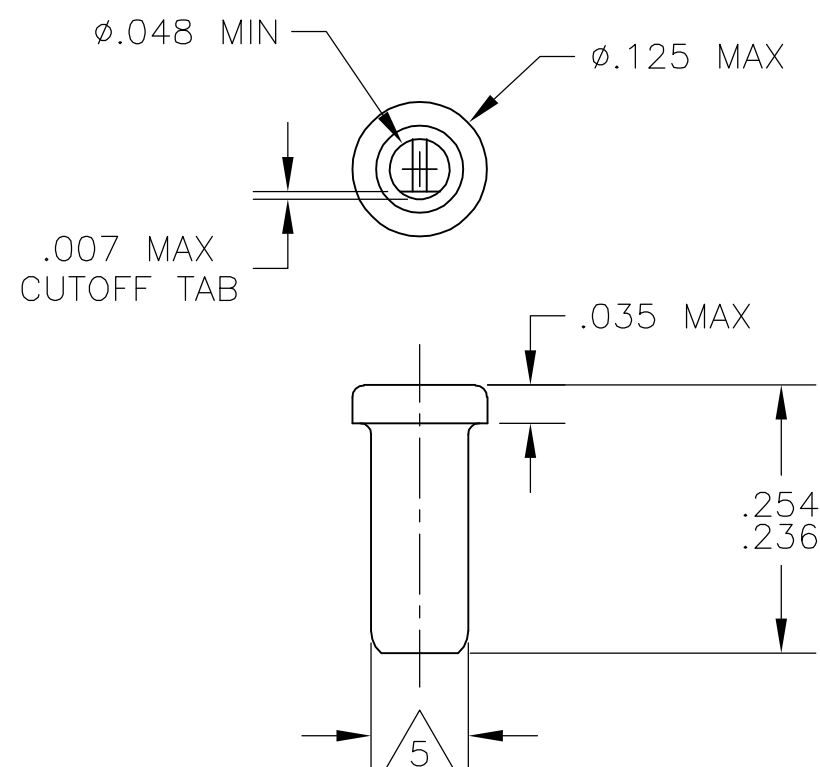
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LOC
AGDIST
67

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER ECO-06-001742	31JAN06	JDP	JGH



- 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 ($\phi.0890 \pm .0015$) FOR HAND INSERTION, AND A #44 DRILLED HOLE ($\phi.0860 \pm .0015$) 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	5380635-5
	GOLD 3	5380635-2
CUP	SPRING	PART NO.
PLATING		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .015 4 PLC ± - ANGLES ± 1° FINISH
MATERIAL 1	SEE TABLE

DWN J. HAVENER 03NOV2005	CHK J. HAVENER 03NOV2005	APVD J. HAVENER 03NOV2005
PRODUCT SPEC 108-1079		
APPLICATION SPEC 114-1055		
WEIGHT -		

Tyco Electronics Corporation Harrisburg, PA 17105-3608		REUSABLE COMPONENT RECEPTACLE	
SIZE A3	CAGE CODE 00779	DRAWING NO C-5380635	RESTRICTED TO -
CUSTOMER DRAWING		SCALE NTS	SHEET 1 OF 1
		REV A	