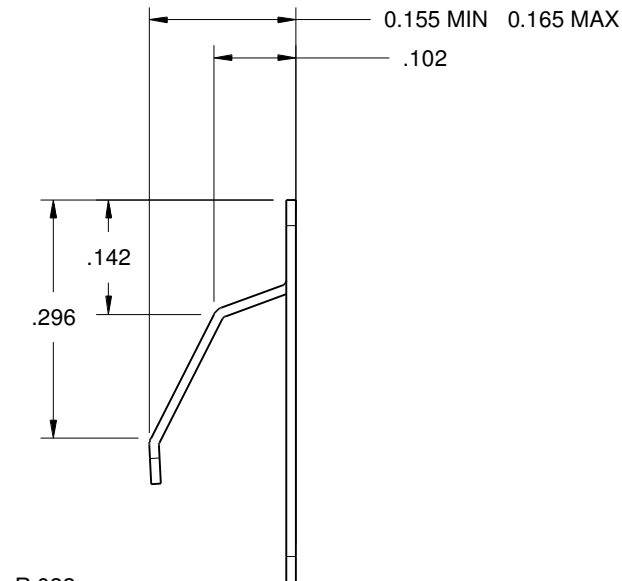
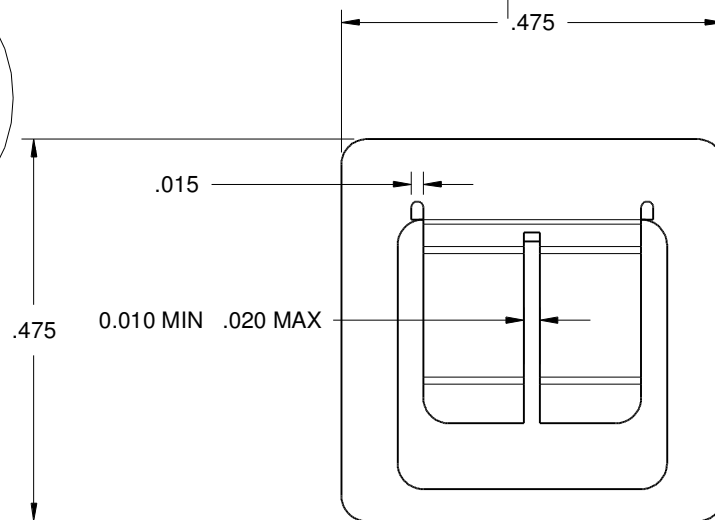


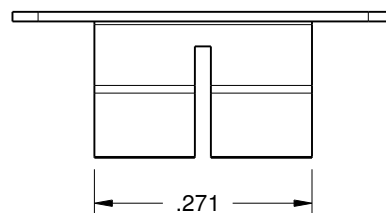
No Burrs on these edges

Faces are smooth



R.032

Application:  
Battery cell spring contact  
Soldered on printed circuit board  
Installed at 50% compressed  
20,000 cycles lifetime at  
40% to 60% of fully compressed  
Full rated current = 4 amps DC current cont.  
and 12 amps for 30 seconds



Material	phospor bronze C5210 spring temper
Thickness	0.0135in(0.34mm) +/-0.001in (.039mm)
Finish	1. Pickling to remove oxide layer 2. Copper plate 50-100 microinch (1.25-2.5um) 3. Nickel plate 50-100 microinch (1.25 -2.5 um) 4. Gold plate 10-15 microinch 0(.24- 0.4 um)
Deburring	Part had no burrs on edges shown and faces are smooth in circled area

Tolerance:  
X.XXX - +/- 0.008  
Angles = +/- 3°  
All dims in inches

	DRAWN T Economu	DATE 8/13/2015	<b>Spring finger for battery electrical contact</b> phosphor copper with gold over nickel over copper  Offgrid Systems LLC 4131 Springwater Ln Clinton, WA, USA 98236			
	CHECKED					
	QA					
	MFG		SIZE <b>A</b>	FSCM NO.	DWG NO. DK spring finger PCu	REV <b>B3</b>
	APPROVED		SCALE		SHEET	