


**RoHS COMPLIANT**

- ① Substrate: 0.79mm  $\pm$ 0.18mm [0.031"  $\pm$ 0.007"] per IPC 4101/21, Gold surface finish.
- ② Substrate: 1.59mm  $\pm$ 0.18mm [0.062"  $\pm$ 0.007"] FR4/G10 or equivalent high temp material. Non-clad.
- ③ Pins: shell material- Brass Alloy 360 1/2 hard; finish- 0.25 $\mu$ m [10 $\mu$ ] Au over 1.27 $\mu$ m [50 $\mu$ ] Ni (min.). Contact material- BeCu; finish 0.25 $\mu$ m [10 $\mu$ ] Au over 2.54 $\mu$ m [100 $\mu$ ] Ni (min. ).

**Description:** 16 position MLF surface mount foot  
 16 position (+1 Gnd index pin). 0.8mm pitch UGA female receptacles (top) to 16 position, 0.5mm MLF pattern

**Tolerances:** diameters  $\pm$ 0.03mm [ $\pm$ 0.001"], PCB perimeters  $\pm$ 0.13mm [ $\pm$ 0.005"], PCB thicknesses  $\pm$ 0.18mm [ $\pm$ 0.007"], pitches (from true position)  $\pm$ 0.08mm [ $\pm$ 0.003"], all other tolerances  $\pm$ 0.13mm [ $\pm$ 0.005"] unless stated otherwise. Materials and specifications are subject to change without notice.

<b>SF-MLF16A-A-02F Drawing</b>		Status: Released	Scale: 12:1	Rev: B
 <p>© 2006 IRONWOOD ELECTRONICS, INC.          11351 Rupp Drive, Suite 400, Burnsville, MN 55337          Tele: (952) 229-8200          www.ironwoodelectronics.com</p>	Drawing: Ranjit Patil		Date: 05/13/06	
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