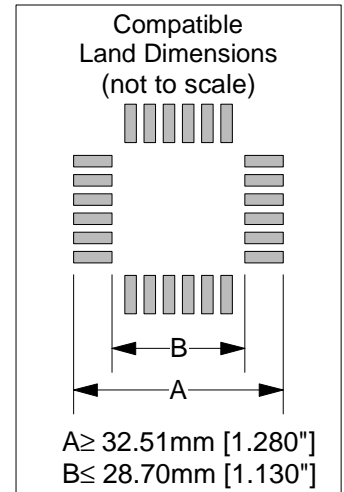


- ① Substrate: 1.59mm \pm 0.18mm [0.0625" \pm 0.007"]
FR4/G10 or equivalent high temp material. 17 μ m [1/2 oz.] Cu clad. SnPb plating.
- ② Pins: material- Brass Alloy 360 1/2 hard; finish- 0.25 μ m [10 μ " Au over 1.27 μ m [50 μ " Ni (min.).



Description: Surface-mount Foot (SF), QFP
120 position QFP surface mount foot (lead less) with terminal pins.

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.

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	Drawing: W. Watson			Date: 2/23/99	
	File: SF-QFE120SA-L-01 Dwg			Modified: 11/19/01	