

HPFC-114-02-L-D-02

HPFC, HPMC SERIES

(2,54 mm) .100"

# SIGNAL POWER COMBO SYSTEM

### **SPECIFICATIONS**

For complete specifications and recommended PCB layouts see www.samtec.com?HPFC or www.samtec.com?HPMC

Insulator Material: Black Liquid Crystal Polymer Signal Contact (HPFC): Phosphor Bronze Power Contact (HPFC): BeCu

Terminal (HPMC): Phosphor Bronze (Signal & Power)

Plating: Sn or Au over 50µ" (1,27 µm) Ni on signal pins; Sn over 50µ" (1,27 µm) Ni on power pins Operating Temp Range:

Operating Temp Range:
-55°C to +105°C with Tin;
-55°C to +125°C with Gold
Contact Resistance:
10 mΩ

Insertion Depth: (3.68 mm) .145" to (8.26 mm) .325" Wiping Distance: (0,381 mm) .015" Insertion Force: (Single contact only)

(Single contact only)
5 oz (1,39 N) avg. (signal pins)
56 oz (15,57 N) avg. (power pins)
Withdrawal Force:
(Single contact only)

Wiltinawa Proce: (Single contact only) 3 oz (0,83 N) avg. (signal pins) 52 oz (14.46 N) avg. (power pins) Voltage Rating: 850 VAC/1201 VDC

850 VAC/1201 VDC RoHS Compliant: Yes

Processing: Lead-Free Solderable:

Yes SMT Lead Coplanarity: (0,15 mm) .006" max (02-20) (0,20 mm) .008" max (21-24)

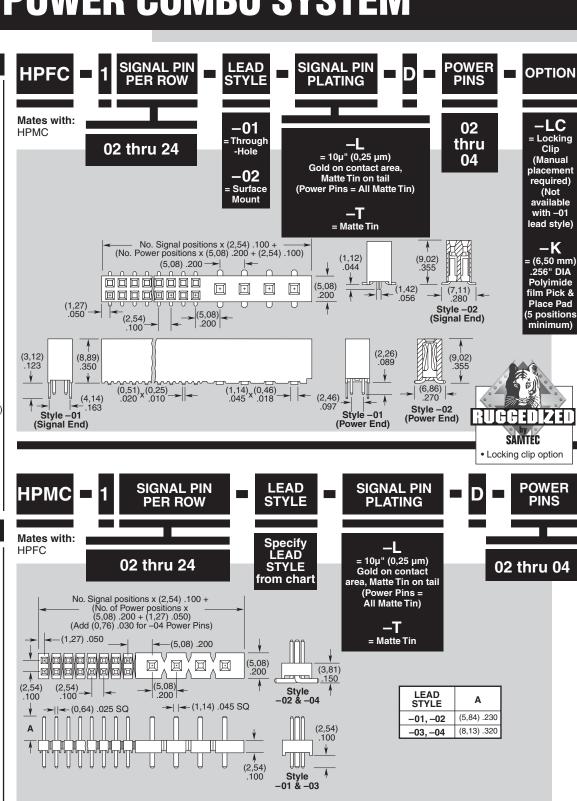
### **RECOGNITIONS**

For complete scope of recognitions see www.samtec.com/quality





## Note: Some lengths, styles and options are non-standard, non-returnable.



### **Mouser Electronics**

**Authorized Distributor** 

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### Samtec:

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