Series 354W00 DIP-to-SOWIC Adapter

FEATURES
- Convenient, cost-effective means of converting DIP-style packaging to SOWIC PC board layouts.

GENERAL SPECIFICATIONS
- SOCKET BODY: black, UL 94V-0 glass-filled 4/6 Nylon 170°C continuous use temp.
- PCB: FR-4, 0.062 [1.58] thick
- MALE ADAPTER PIN: Brass 360 1/2-hard per UNS C36000, ASTM-B16-85
- MALE ADAPTER PIN PLATING: 200µ [5.08µ] Sn/Pb 90/10 MIL-P-81728 over 100µ [2.54µ] Ni per QQ-N-290
- COLLET CONTACT PIN BODY: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- COLLET PIN PLATING: 10µ [0.25µ] Au per MIL-G-45204 over 100µ [2.54µ] Ni per QQ-N-290
- 4-FINGER COLLET CONTACT: BeCu per UNS C17200, ASTM B194-08
- CONTACT PLATING: 10µ [0.25µ] min. Au per MIL-G-45204 over 50µ [1.27µ] Ni per QQ-N-290
- CONTACT CURRENT RATING: 3 amps
- OPERATING TEMPERATURE: 221°F [105°C]
- INSERTION FORCE: 180g/pin, based on a 0.018 [0.46] dia. test lead
- WITHDRAWAL FORCE: 90g/pin, based on a 0.018 [0.46] dia. test lead
- NORMAL FORCE: 140g/pin, based on a 0.018 [0.46] dia. test lead
- SOCKET ACCEPTS LEADS: 0.015-0.025 [0.38-0.64] in dia., 0.100-0.125 [2.54-3.18] long

MOUNTING CONSIDERATIONS
- SUGGESTED PCB HOLE SIZE: 0.028 ±0.002 [0.71 ±0.05] dia.

CUSTOMIZATION: In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. NOTE: Aries reserves the right to change product general specifications without notice.

ORDERING INFORMATION
- No. of Pins: 14, 16, 20, 24
- Series: XX-354W00-X

Sn-plating Adapter Pin Option
(see Suffix Table)
1 = Short Adapter Pin
2 = Long Adapter Pin

ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS