

(2.54 mm) .100"

IPS1 SERIES

ROUDED POWER CONNECTOR SET

SPECIFICATIONS

Insulator Material: Black LCP

Contact Material: Phosphor Bronze Plating:

Sn or Au over
50 µ" (1.27 µm) Ni
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold

Insertion Depth: (3.81 mm) .150" to (6.48 mm) .255" Wiping Distance:

(0.38 mm) .015" Voltage Rating: 775 VAC/1095 VDC

Standard Creepage: (2.89 mm) .114" (without -LC) (1.08 mm) .043" (with -LC) Standard Clearance: (1.75 mm) .069" (without -LC) (0.62 mm) .024" (with -LC)

RoHS Compliant:

Mates with:

IPT1/IPS1	
PINS	CURRENT RATING (PER CONTACT)
1	5.9 A
2	4.8 A
3	4.1 A
4	3.6 A
ALL	2.3 A

Each contact individually shrouded for electrical and mechanical protection CONTACT (4.70 mm) .185' Choice of through-hole or surface mount

RUGGEDIZED BY SAMTE

- Individually shrouded contacts
- Locking clip option

OTHER

OPTION

PROCESSING

Lead-Free Solderable:

SMT Lead Coplanarity:

(0.13 mm) .005" max (05-10) (0.15 mm) .006" max (15-25)

RECOGNITIONS



ALSO AVAILABLE (MOQ Required)

- · Other sizes
- · Other platings
- · Latching feature
- No. 1 position polarized
- · Increased creepage and clearance with the removal of contacts

Contact Samtec.

Some sizes, styles and options are non-standard, non-returnable.



(2.54)

No. of positions x (2.54) .100 + (0.38) .015

(2.54) .100

пп



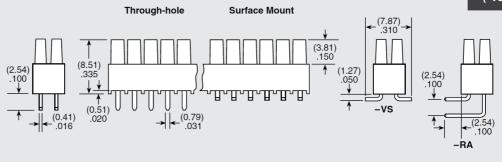


OPTION





-TR = Tape & Reel **Packaging** (-VS only)



П П

(4.95)

П

.195