

0.156" PITCH PCB3S SERIES

PHYSICAL PROPERTIES

Housing

HOUSING MATERIAL: Polyester

FLAMMABILITY: UL94V-0

COLOR: Black

Terminal

TUBULAR CONTACT: Brass

PC CONTACT: Phosphor Bronze with Bright Tin or Gold over Nickel plating

SCREW: Steel with Zinc + Chromate plating

CLAMP: Brass

Mechanical

PITCH (TERMINAL SPACING): .156"

SCREW SIZE: 6-32

MOUNTING SCREW SIZE: #6

WIRE STRIP LENGTH: .66"

RECOMMENDED TIGHTENING TORQUE: 5-8 in-lbs.

RECOMMENDED SCREWDRIVERS: Xcelite R184,

Sears Craftsman 41429, Stanley 1016

BOARD INSERTION FORCE (TYP.) PER CKT.: 5 oz.

(140g)

BOARD SEPARATION FORCE (TYP.) PER CKT.: 1.5 oz.

(42g)

DURABILITY: Passes MIL-C-21097: 500 cycles

ELECTRICAL PROPERTIES

MAXIMUM CURRENT: 10A

OPERATING VOLTAGE: 250V

WIRE RANGE: #16-26 AWG

DIELECTRIC WITHSTAND: 2000V

INSULATION RESISTANCE: 10¹¹ ohms

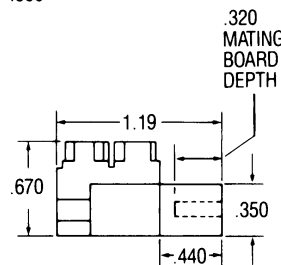
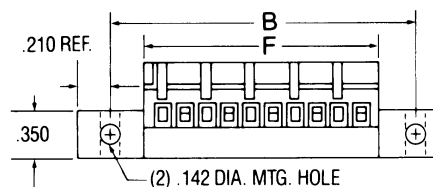
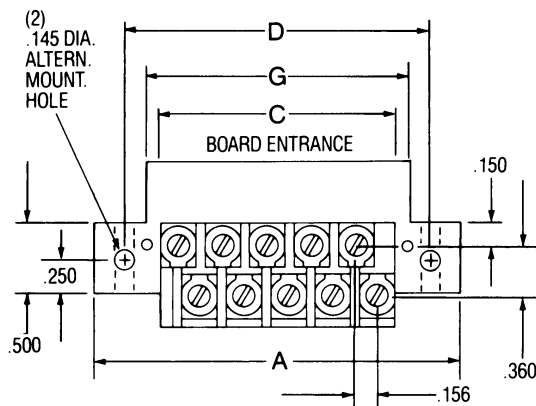
CONTACT RESISTANCE: 10 milliohms

ENVIRONMENTAL PROPERTIES

OPERATING TEMPERATURE RANGE:

-65°C to +140°C

(-85°F to +284°F)

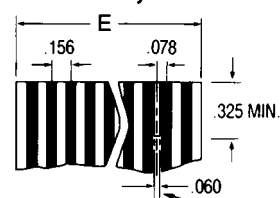


Ordering Information

CATALOG #*	NO. OF CIRCUITS	A	B&D	C	E	F	G
PCB3S10S	10	2.59	2.16	1.73	1.71	1.65	1.85
PCB3S15S	15	3.37	2.95	2.51	2.50	2.43	2.64
PCB3S18S	18	3.84	3.41	2.98	2.97	2.90	3.11
PCB3S22S	22	4.47	4.04	3.60	3.59	3.54	3.73

*NOTE: For optional Gold-over-Nickel plating on contacts (instead of standard bright tin), change the letter "S" of the catalog number to "A."

Recommended PC Board Layout



POLARIZING KEY NOTCH
Location in PC board per customer requirement. Order Polarizing Key Catalog No. PC19.

*NOTE: .062" PC Board thickness.
.156" contact centerline spacing for single & double sided boards.