

**0.156" PITCH
PCB3D SERIES**

PHYSICAL PROPERTIES

Housing

HOUSING MATERIAL: Polyester
FLAMMABILITY: UL94V-0
COLOR: Black

Terminal

TUBULAR CONTACT: Brass
PC CONTACT: Phosphor Bronze
SCREW: Steel with Zinc + Chromate plating
CLAMP: Brass

Mechanical

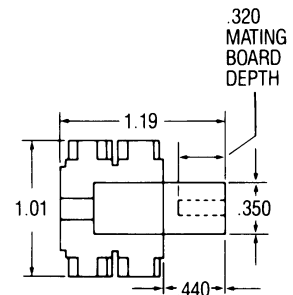
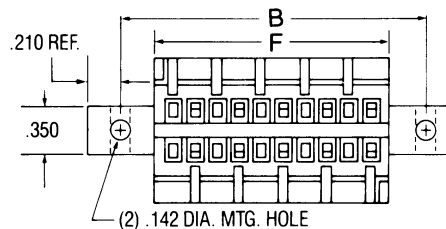
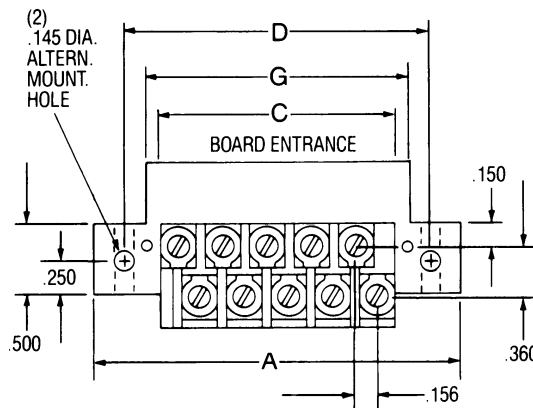
PITCH (TERMINAL SPACING): .156"
SCREW SIZE: 6-32
MOUNTING SCREW SIZE: #6
WIRE STRIP LENGTH: .66"
RECOMMENDED TIGHTENING TORQUE: 5-8 in-lbs.
RECOMMENDED SCREWDRIVERS: Xcelite R184,
Sears Craftsman 41429, Stanley 1016
BOARD INSERTION FORCE (TYP.) PER CKT.: 5 oz.
(140g)
BOARD SEPARATION FORCE (TYP.) PER CKT.: 1.5 oz.
(42g)
DURABILITY: Passes MIL-C-21097: 500 cycles

ELECTRICAL PROPERTIES

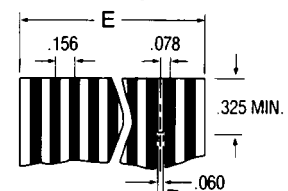
MAXIMUM CURRENT: 10A
OPERATING VOLTAGE: 250V
WIRE RANGE: #16-26 AWG
DIELECTRIC WITHSTAND: 2000V
INSULATION RESISTANCE: 10¹¹ ohms
CONTACT RESISTANCE: 10 milliohms

ENVIRONMENTAL PROPERTIES

OPERATING TEMPERATURE RANGE:
-65°C to +140°C
(-85°F to +284°F)



**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.

Ordering Information

CATALOG #*	NO. OF CIRCUITS	A	B&D	C	E	F	G
PCB3D20S	20	2.59	2.16	1.73	1.71	1.65	1.85
PCB3D30S	30	3.37	2.95	2.51	2.50	2.43	2.64
PCB3D36S	36	3.84	3.41	2.98	2.97	2.90	3.11
PCB3D44S	44	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."