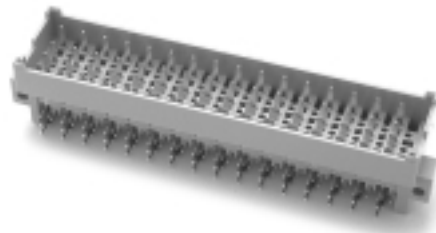


TYPE G MALE CONNECTOR SERIES 38



PHYSICAL PROPERTIES

INSULATION MATERIAL: Glass filled thermoplastic rated UL 94V-0

COLOR: Gray

CONTACTS: Copper alloy, nickel plate overall, gold finish in contact zone. Tin/lead on solder tails, tin/lead or gold on posts.

ELECTRICAL PROPERTIES

CURRENT RATING: 5.5 Amps per pin

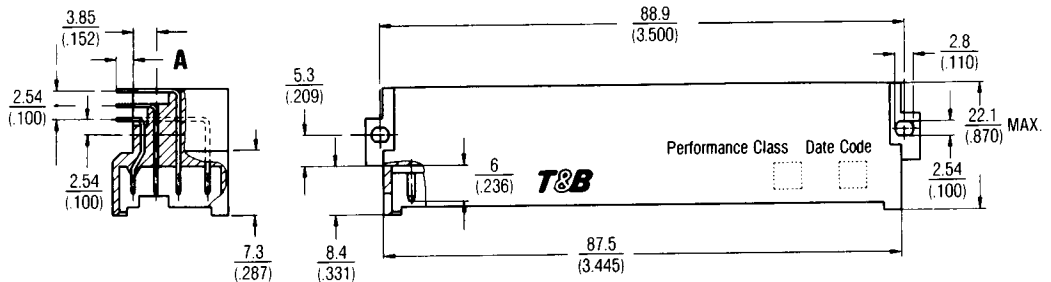
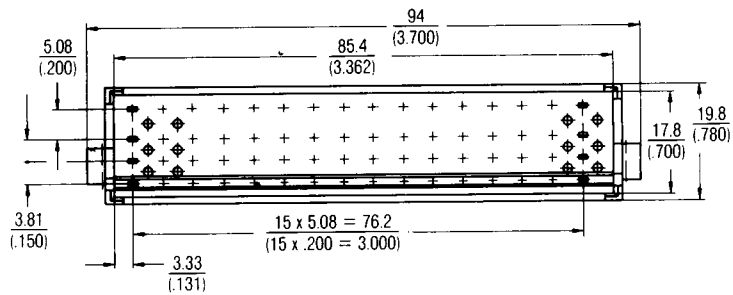
INSULATION RESISTANCE: >1 x 10⁹ Ohms

DIELECTRIC STRENGTH: > 500 VDC at sea level

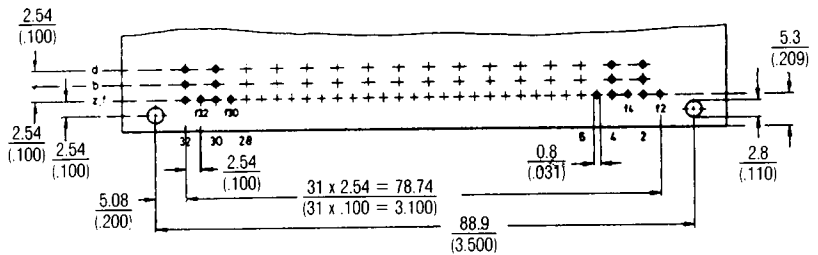
ENVIRONMENTAL PROPERTIES

TEMPERATURE RATING: -55°C TO 125°C

Extended length contacts available.
Consult factory for details.



Recommended Printed Circuit Board Layout



X PERFORMANCE LEVEL	
1	level 1 - 500 mating cycles
8	level 2 - 400 mating cycles
4	level 3 - 50 mating cycles

Ordering Information

NO. OF CONTACTS	CONTACT LOADING	CATALOG NO. SPECIFY X	TERMINATION STYLE	MM (INCHES)
64	z, b, d, f 2, 4, 6-32	381-66430-300X A = $\frac{2.9}{(.114)}$	Solder Post	$\frac{0.64}{(.025)} \times \frac{0.64}{(.025)}$ 0.64 x 0.64 (.025 x .025)

