

TYPE Q MALE CONNECTOR SERIES 21



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: 2 Amps per pin

INSULATION RESISTANCE: $>1 \times 10^9$ Ohms

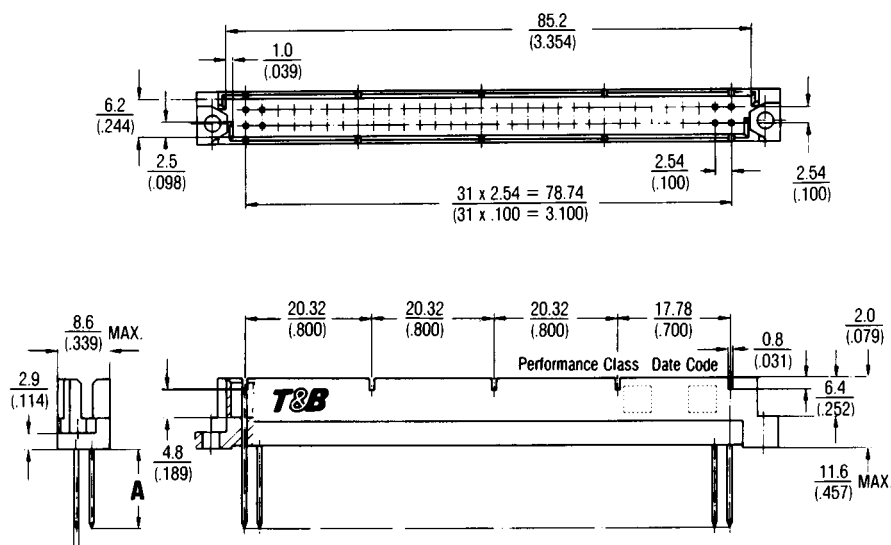
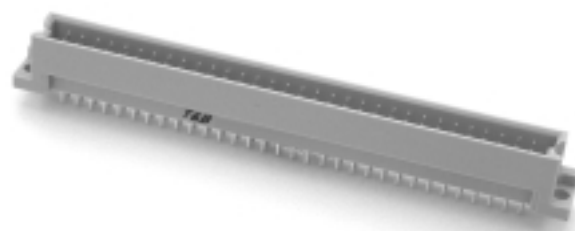
DIELECTRIC STRENGTH: >500 VDC at sea level

ENVIRONMENTAL PROPERTIES

TEMPERATURE RATING: -55°C TO 125°C

Extended length contacts available.

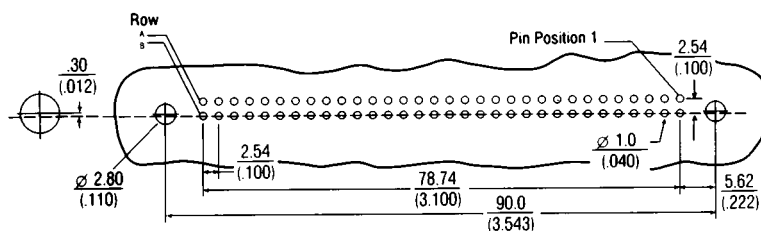
Consult factory for details.




X PERFORMANCE LEVEL

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

Recommended Printed Circuit Board Layout



Ordering Information

NO. OF CONTACTS	CONTACT LOADING	CATALOG NO. SPECIFY X	TERMINATION STYLE	MM (INCHES)
32 64	a, b 2, 4, 6 –32 a, b 1, 2, 3 –32	211-63220-600X 211-66430-600X	A = $\frac{2.9}{(.114)}$	 Solder Post 0.6 x 0.6 (.024 x .024)
32 64	a, b 2, 4, 6 –32 a, b 1, 2, 3 –32	211-63220-700X 211-66430-700X	A = $\frac{4.5}{(.177)}$	
64	a, b 1, 2, 3 –32	211-66430-500X	A = $\frac{13.0}{(.512)}$	