

FEATURES & PERFORMANCE SPECIFICATIONS

FEATURES

- MEETS EIA, RS232C AND RS449 STANDARDS FOR DATA COMMUNICATION INPUT/OUTPUT CONNECTORS
- BRIGHT TIN SHELLS FOR EXCEPTIONAL CONDUCTIVITY AND GROUNDING
- INDENTATIONS (DIMPLES) FOR EXCEPTIONAL GROUNDING AND MATING RETENTION
- D SHAPE CONNECTOR MATING AND POLARIZATION
- SEVEN (7) SHELL SIZES
- FIVE (5) TYPES OF CONTACT TERMINATION, SOLDER CUP, SOLDER DIP, CRIMP, IDC AND RIGHT ANGLE
- TWO (2) TYPES OF CONTACT CONSTRUCTION, PRECISION MACHINED OR PRECISION FORMED
- ACCESSORIES ARE AVAILABLE

PERFORMANCE SPECIFICATIONS

MATERIALS AND FINISH

SHELL:
STEEL MATERIAL, TIN FINISH AND INDENTATIONS (DIMPLES) ON PLUG ONLY

INSERT:
PBT THERMO PLASTIC, BLACK COLOR, 30% GLASS FILLED SELF EXTINGUISHING, 94V-0 RATED

CONTACT MATERIAL:
PIN: BRASS
SOCKET: PHOSPHOR BRONZE OR BRASS

MECHANICAL CHARACTERISTICS

CONTACT RETENTION:
PRECISION MACHINED CONTACT 10 LBS
PRECISION FORMED CONTACT 10 LBS

CONTACT SEPARATION FORCE:
4 OUNCES MIN

ELECTRICAL CHARACTERISTICS

CONTACT CURRENT RATING:
PRECISION MACHINED CONTACT 7.6 AMPS (WITH 20 AWG WIRE)
PRECISION FORMED CONTACT 5.0 AMPS (WITH 20 AWG WIRE)

CONTACT RESISTANCE:
PRECISION MACHINED CONTACT
5 MILLIOHMS MAX
PRECISION FORMED CONTACT
8 MILLIOHMS MAX

MILITARY AND FEDERAL SPECIFICATIONS

ASTM-B633	ZINC PLATING	IMIL-C-50	BRASS
QQ-B750	PHOSPHOR BRONZE	MIL-C-576	COPPER
QQ-N-290	NICKEL PLATING	MIL-G-45204	GOLD PLATING
QQ-S-698	STEEL	MIL-T-10727	TIN PLATING

CONTACT FINISH:
GOLD FLASH OVER 100 MICRO INCH
NICKEL ON ENTIRE CONTACT AREA.

GROUNDING BRACKET:
BRASS MAETRIAL, TIN FINISH

RIVETED INSERT:
BRASS MATERIAL, NICKEL FINISH

JACK SCREW:
BRASS MATERIAL,

CONTACT ENGAGEMENT FORCE:
9 OUNCES MAX

DIELECTRIC WITHSTANDING VOLTAGE:
1000 VAC MIN

INSULATION RESISTANCE:
5000 MEGOHMS MIN

TEMPERATURE RATING:
-55° + 125 C°