ENVIROMENTAL CONDITIONS

Temperature Range
- Storage: -40 to +70°C
- Operation: -10 to +60°C

Relative Humidity (Operational): Maximum Noncondensing 93%

ELECTRICAL

Electrical Insulation Resistance: 500 MΩ min. @ 100V d.c.
Dielectric Withstanding Voltage: 1000V RMS @ 60Hz for 1 minute
Spring Wire Contact Resistance:
- 20 mΩ Max.
- IDC Contact Resistance:
  - 2.5 mΩ Max.

Current Rating: as figure.

MECHANICAL

Total Contact Force: 800 GRAMS for A 8 Wire Leads Minimum
Retention: 50N (11 lbf) for 60s±5s
Insertion / Extraction Life: 750 Cycles Minimum
IDC Wire Gauge: 22 ~ 26 AWG

PHYSICAL

Housing/Bezel: High-Impact, Flame-Retardant Plastic, UL 94V0
Spring Wire: Phosphor Bronze Alloy Plated With 50 micro-inch of Gold Over 70~100 micro-inch of Nickel
IDC: Brass Plated With 100 micro-inch of Sn.
**ENVIRONMENTAL CONDITIONS**

- **Temperature Range**
  - Storage: -40 to +70°C
  - Operation: -10 to +60°C
- **Relative Humidity (Operational):** Maximum Noncondensing 93%

**ELECTRICAL**

- **Electrical Insulation Resistance:** 500 MΩ min. @ 100V d.c
- **Dielectric Withstanding Voltage:** 1000V RMS @ 60Hz for 1 minute
- **Spring Wire Contact Resistance:** 20 mΩ Max.
- **IDC Contact Resistance:** 2.5 mΩ Max.
- **Current Rating:** as figure.

**MECHANICAL**

- **Total Contact Force:** 800 GRAMS for A & 8 Wire Leads Minimum
- **Retention:** 50N (11 lbf) for 60s±5s
- **Insertion / Extraction Life:** 750 Cycles Minimum
- **IDC Wire Gauge:** 22 ~ 26 AWG

**PHYSICAL**

- **Housing/Bezel:** High-Impact, Flame-Retardant Plastic, UL 94V0
- **Spring Wire:** Phosphor Bronze Alloy Plated With 50 micro-inch of Gold Over 70~100 micro-inch of Nickel
- **IDC:** Brass Plated With 100 micro-inch of Sn.

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**Dimensions:** mm - DO NOT SCALE DRAWING

**NEXT ASSY—**

**DRAWN: E.A.**

**CHECKED: E.A.**

**TITLE:** 66 Block, 50-Pair Block w/Telco Connectors Two Female Connectors

**REV. A**

**DATE:** 09/16/2008

**APPV:** E.A.
ENVIRONMENTAL CONDITIONS

Temperature Range
Storage: -40 to +70°C
Operation: -10 to +60°C
Relative Humidity (Operational): Maximum Noncondensing 93%

ELECTRICAL

Electrical Insulation Resistance: 500 MΩ min. @ 100V d.c
Dielectric Withstanding Voltage: 1000V RMS @ 60Hz for 1 minute
Spring Wire Contact Resistance:
20 mΩ Max.
IDC Contact Resistance:
2.5 mΩ Max.
Current Rating: as figure.

MECHANICAL

Total Contact Force: 800 GRAMS for A 8 Wire Leads Minimum
Retention: 50N (11 lbf) for 60s±5s
Insertion / Extraction Life: 750 Cycles Minimum
IDC Wire Gauge: 22 ~ 26 AWG

PHYSICAL

Housing/Bezel: High-Impact, Flame-Retardant Plastic, UL 94V0
Spring Wire: Phosphor Bronze Alloy Plated With 50 micro-inch of Gold Over 70~100 micro-inch of Nickel
IDC: Brass Plated With 100 micro-inch of Sn.

Dimensions: mm - DO NOT SCALE DRAWING

NEXT ASSY—  DRAWN: E.A.  CHECKED: E.A.

TITLE: 66 Block, 50-Pair Block w/Telco Connectors  DWG. NO. SHEET 1 OF 1  REV. A
Two Male Connectors

66B2M