

PDM: Rev:F

STATUS: Released

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2 3 PRODUCT NUMBER 72380-YVWXZN 72380-YVWXZN Plug & Cable Construction and Performance Specification Cable Assembly Performance Cable Pull Out-40 Newtons (8.99 Pounds) Plating Option Signal Attenuation Signal Attenuation Power Conductor Gauge Option (Dash Number) Frequency Attenuation (maximum) Frequency Attenuation (maximum) (MHz) dB/cable (MHz) dB/cable Length Specification 4.000 0.39 0.064 0.08 8.000 0.57 Color Option 0.256 0.11 12.000 0.67 0.512 0.13 0.95 0.772 0.15 24.000 Y Color: Jacket and Overmolding Option 1.000 0.20 48.000 1.35 **B** Black W White 96.000 1.9 VWX, Length specification (Note:See the power conductor gauge Plug Performance requirements for specific lengths Z Table). 30 Vac (rms) Voltage Rating V Length in Meters Current Rating 1 Amp W Length in 1/10 Meters Temperature Rating Znons X Length in 1/100 of Meters -40°C to 60°C Storage Temperature Example a length of 1.85 Meters, VWX would be 185 Operating Temperature 0°C to 40°C 1500 Cycles Durability N Plating Option (Mating Area) Insulation Resistance 1000 Mohms C 30 Micro Inches GXT Dielectric Withstanding Voltage 500 Vac D 30 Micro Inches Gold Insertion Force 35 Newtons (7.9 Pounds) Maximum Α Z- Power Conductor Wire Gauge Table Option Withdrawal Force 10 Newtons (2.3 Pounds) Minimum В 35 Newtons (7.9 Pounds) Maximum **Electric Test:** Ε В С D Dash No. Α -100% Continuity Conductor 26 24 22 20 0.232 0.145 0.091 0.057 0.036 Resistance 0hm/m 0hm/m 0hm/m 0hm/m 0hm/m Length 0 Thru 0.81m 0.82 Thru 1.31m 1.32 Thru 2.08m 2.09 Thru 3.33m Electronics tolerances unless CUSTOMER 3.34 Thru otherwise specified COPY FCI 5.00m projection linear FULL SPEED USB CABLE ASSEMBLY ⊕ ◁ SERIES A TO SERIES B Boxes marked with √ are in accordance with angles USB spec. gauge vs. length dr R.G. Draggoo product family 7/31/98 code METRIC 213 engr R.Macmullin size dwg no 7/31/98

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2 3 PRODUCT NUMBER ou communication a des tiers interdite sans autorisation ecrite du propietaire. S de reproduction FCI ELECTRONICS INC. 72380-YVWXZN Cable/Plug Over mold **Bulk Cable Construction Materials** High Density Polyvinyl Chloride NOTES: oits strictement reserves. Reproduction os sous quelque forme que ce soit s Propriete de ©FCI ELECTRONICS. Droits Signal Conductors, Copper, Twisted Pair 28 AWG Stranded Tinned (7x0.127) 1. Product Compliant With USB Specification. Power Conductors, Copper 28 AWG Stranded Tinned (7x0.127) 26 AWG Stranded Tinned (7x0.163) 24 AWG Stranded Tinned (7x0.203) 22 AWG Stranded Tinned (7x0.254) 20 AWG Stranded Tinned (10x0.254) Aluminum/Mylar, 25° Minimum Wrap (Full Speed Only) droits strictement Aluminum exterior Braid, Copper (Full Speed Only) Interwoven Tinned 65° Minimum Coverage Semirigid-Polyvinyl Chloride, Red and **Power Conductor Insulators** Black Outer Jacket Polyvinyl Chloride Foamed Polyethylene, Green and White Signal Conductor Insulators Plug and Cable Assembly Materials Plastic Housing High Temperature Thermoplastic Oxygen Index (LOI) > 21% UL 94V-0 RATING В **Terminals** High Strength Copper Alloy (Phosphor Bronze) **Shields** High Strength Copper Alloy (Phosphor Bronze) **Plating Terminals Underplate:** 1.25 Micro Meters (50 Micro Inches) Nickel Minimum <u>-C Mating Area:</u> 30 GXT .05 Micro Meters (2 Micro Inches) of Gold Minimum Over 0.70 Micro Meters or issue to third parties in any authority from the proprietor. It FCI ELECTRONICS INC. (30 Micro Inches) of Palladium Nickel Minimum] <u>-D Mating Area:</u> 30 Gold 0.70 Micro Meters Gold (30 Micro Inches) Tail Area: 2.54 Micro Meters (100 Micro Inches) Tin Lead Plating Shell **Underplate:** 1.25 Micro Meters is strictly reserved. Reproduction or is not permitted without written a of ©FCI ELECTRONICS Copyright (50 Micro Inches) Nickel Minimum Overall: 2.5 Micro Meters (100 Micro Inches) Bright Tin Minimum Electronics tolerances unless CUSTOMER otherwise specified COPY FCI projection FULL SPEED USB CABLE ASSEMBLY ⊕ ◁ SERIES A TO SERIES B angles All rights : whatever i: Property o product family dr R.G. Draggoo 7/31/98 code METRIC engr R.Macmullin size dwg no 213 7/31/98 R.Macmullin 7/31/98 scale N.T.S sheet

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