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USB 2.0 Performance Specifications			
Property	MIL-DTL-38999 Series III Type	Series ITS 5015 Intermountable	Series IPT MIL-DTL-26482 Type
<b>Material and Finish</b>			
<b>Shell/Coupling and Plating</b>	Complete list of options available in the Material and Finish Options portion of this section		
<b>Contacts</b>	PC tails, solder cup, and crimp contacts: copper alloy, gold plated		
<b>Grommet, Peripheral Seal, Interfacial Seal, O-ring</b>	Blended fluorosilicone/silicone elastomer, 30% silicone per ZZ-R-765, 70% fluorosilicone per MIL-R-25988		
<b>USB Insulator</b>	LCP	PPS	
<b>Shell Sizes</b>	15 and 17 Consult factory for other shell size options	16	16
<b>Electrical Specifications</b>			
<b>Data Rate</b>	480 MBps		
<b>Power Usage</b>	500 milliamps (mA)	Up to 7.5W USB 2.0	
<b>Current Rating</b>	1.5 Amps,		
<b>D.W.V.</b>	500 VAC		
<b>I.R.</b>	1000 MegOhms		
<b>Cabling Length</b>	5.0 Meters Max		
<b>Shielding</b>	Continuous through coupler or continuous coupler to shell		USB housing ground to shell full shielding
<b>Environmental/Mechanical Performance</b>			
<b>Sealing</b>	IP68 mated condition, IP67 unmated condition		
<b>Outgassing</b>	<b>Mod Code 186S</b> meets outgassing requirements per ASTM E 595 and meets NASA level 3 screening for standard reliability <b>Mod Code 928</b> meets outgassing requirements per UL 94 V-0		
<b>Operating Temperature</b>	-40°C to +120°C		
<b>Vibration</b>	20g's, 3 Axis, 10 - 2000Hz	37 g's	20g, 3 axis, 10-2000 Hz
<b>Mechanical Shock</b>	300 g's		
<b>Backshell Interface</b>	MIL-DTL-38999 Designator H	Consult Factory	Designator A
<b>Mating System</b>	Triple-start stub ACME	Reverse Bayonet	3-Pin Bayonet
<b>Mating Cycles</b>	500		



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USB 2.0 Performance Specifications		
Property	MIL-DTL-28840 Type	Series 801, 804 and 805 Mighty Mouse
<b>Material and Finish</b>		
<b>Shell/Coupling and Plating</b>	Complete list of options available in the Material and Finish Options portion of this section	
<b>Contacts</b>	PC tails, solder cup, and crimp contacts: copper alloy	
<b>Grommet, Peripheral Seal, Interfacial Seal, O-ring</b>	Blended fluorosilicone/silicone elastomer, 30% silicone per ZZ-R-765, 70% fluorosilicone per MIL-R-25988	
<b>USB Insulator</b>	PPS	LCP
<b>Shell Sizes</b>	15	<b>Micro USB:</b> Series 801 & 804 Shell Size 8 Series 805 shell Size 10 <b>Standard USB:</b> Series 801 Shell Size 16, Series 804 Shell Size 14, Series 805 Shell Size 18
<b>Electrical Specifications</b>		
<b>Data Rate</b>	480 MBps USB 2.0	
<b>Power Usage</b>	Up to 7.5W USB 2.0	
<b>Current Rating</b>	1.5 Amps, USB 2.0	
<b>D.W.V.</b>	500 VAC	500 VAC (Standard) 100 VAC (Micro only available on Mighty Mouse)
<b>I.R.</b>	1000 MegOhms min.	
<b>Cabling Length</b>	5.0 Meters Max	
<b>Shielding</b>	Continuous through coupler or continuous coupler to shell	
<b>Environmental/Mechanical Performance</b>		
<b>Sealing</b>	IP68 mated condition, IP67 unmated condition	
<b>Outgassing</b>	<b>Mod Code 186S</b> meets outgassing requirements per ASTM E 595 and meets NASA level 3 screening for standard reliability <b>Mod Code 928</b> meets outgassing requirements per UL 94 V-0	
<b>Operating Temperature</b>	-40°C to 120°C	-40° to +120°C (Standard) -20°C to +85°C (Micro)
<b>Vibration</b>	20g's, 3 Axis, 10 - 2000Hz	20g, 3 axis, 10-2000 Hz (Standard) 37.8g, 3 axis, 50-2000 Hz (Micro)
<b>Mechanical Shock</b>	300 g's	300g (Standard and Micro)
<b>Backshell Interface</b>	M28840, Connector Designator G	Consult Factory
<b>Mating System</b>	Threaded	801 - Double-Start Stub ACME 804 - Push/Pull 805 - Triple Start
<b>Mating Cycles</b>	100	2,000 (801 and 804) 500 (805)