NSN 5995-01-521-8950

Electrical Ribbon Cable Assembly - Page 1 of 1



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End Application:
Patriot missile
Center To Center Distance Between Terminal Holes:
0.100 inches
Termination Type:
Connector receptacle both ends all conductors
Conductor Quantity:
25
Conductor Form:
Solid all conductors
Product Name:
Cable assembly tlc 50 ohm
Round Conductor Size:
30 awg all conductors
Conductor Arrangement And Quantity:
25 molded
Special Features:
Housing contains standard pressure copper alloy receptacle contacts plated with .000030 inch min thick gold over .000050 inch min thick
nickle in mating area; p2 connector must mate and latch to amp part no 1-102158-0; p1 and p2 connector housing shall be thermoplastic;
housing is 50 position header; pull tabs shall be provided; cable shall be 50 ohm transmission line cable; 25 signal connectors 30 awg silver
plated copper; 50 grnd connectors 32 awg silver plated copper; 50 +-5 ohm impedance; 28 pico-farads per foot capacitance; 14
nanoseconds per foot propagation delay; resistance of cable assembly shall be less than .21 ohms for signal conductors and less than .18
ohms for grnd conductors; cable assemblies shall be able to withstand 300vdc between any adjacent signal and/or grnd paths; impedance
of cable assembly shall be 50 +-5 ohms;
Material:
Copper core conductor all conductors
Precious Material And Location:
Connector receptacles plated wioth .000030 inch min thick gold gold and all conductors silver plated copper silver
Precious Material:
Gold and silver
Surface Treatment:
Silver core conductor all conductors
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
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