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End Application:

Support equipment, b-1 aircraft; low altitude navigation and targeting infrared system (lantirn); aircraft, stratofortress b-52; tank, combat, ft, 120mm gun (m1a1); aircraft, f-16; helicopter, cobra/tow, ah series; advanced air traffic contr & land sys (atcals) 404l; aircraft, hornet f/a-18

Criticality Code Justification:

Feat

Special Features:

Weapon system essential

Test Data Document:

81349-mil-prf-19500 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

General Description:

Infrared emitting diode optically coupled to npn phototransistor, diode rated 2v reverse voltage, 40 milliamps forward current; phototransistor rated 35v collector to emitter and collector to base, 4v emitter to base, 50 milliamps collector current; device total power dissipation 300 milliwatts; op temp range -65.0 to +125.0 degrees c; 0.185 maximum lg; 0.370 in maximum dia; collector internally connected to case; 6 wire lead terminals

Specification Data:

81349-mil-prf-19500/486 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A23900

Mil-std (military Standard):

Mil-prf-19500 spec.