Specification Details: **Date: 12/7/2009**

Specification: MIL-DTL-83733
Title: Connectors, Electrical, Miniature, Rectangular Type, Rack to Panel, Environment Resisting, 200 C Total Continuous Operating Temperature
Federal Supply Class (FSC): 5935
Conventional: No
Specification contains quality assurance program: No
MIL-STD-790 Established Reliability & High Reliability: Yes
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
Weibull Graded: No
Specification contains space level reliability requirements: No
Specification allows test optimization: No

Contact Information:

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP
Primary DSCC-VQ Contact: 614-692-6608, e-mail: vqp.jf@dla.mil
Secondary DSCC-VQ Contact: 613-692-2193, e-mail: vqp.st@dla.mil

Notes:

N/A

Part Configuration:

M83733/1RB101

Specification Sheet Number	Class	Shell Size	Insert Arrangement
M83733/1	R	B	101

Part Listings:

Supplier: ITT Cannon
Government Designation: M83733/1
Manufacturer's Designation: DPKB (PG)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 185, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/2
Manufacturer's Designation: DPKB (SX)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/3
Manufacturer's Designation: DPKA (PX)
Class: R
Shell: A Insert: 018, 032, 051, 131
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/4
Manufacturer's Designation: DPKB (SK)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 185, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/5
Manufacturer's Designation: DPKB (PC)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 185, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/1
Manufacturer's Designation: DPKA (PG)
Class: R
Shell: A Insert: 018, 032, 051, 131
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/2
Manufacturer's Designation: DPKA (SX)
Class: R
Shell: A Insert: 018, 032, 051, 131
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/3
Manufacturer's Designation: DPKB (PX)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 185, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/4
Manufacturer's Designation: DPKA (SK)
Class: R
Shell: A Insert: 018, 032, 051, 131
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/5
Manufacturer's Designation: DPKA (PC)
Class: R
Shell: A Insert: 018, 032, 051, 131
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/6
Manufacturer's Designation: DPKA (PF)
Class: R
Shell: A Insert: 018, 032, 051, 131
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/7
Manufacturer's Designation: DPKA (SY)
Class: R
Shell: A Insert: 018, 032, 051, 131
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/8
Manufacturer's Designation: DPKB (PY)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/9
Manufacturer's Designation: DPKA (PM)
Class: R
Shell: A Insert: 018, 032, 051
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/10
Manufacturer's Designation: DPKA (PH)
Class: R
Shell: A Insert: 018, 032, 051
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/11
Manufacturer's Designation: DPKB (PZ)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/12
Manufacturer's Designation: DPKA (SH)
Class: R
Shell: A Insert: 018, 032, 051
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/17
Manufacturer's Designation: 231-0019-00
Test or Qualification Reference: Ltr dtd 13 Nov 86

Supplier: ITT Cannon
Government Designation: M83733/6
Manufacturer's Designation: DPKB (PF)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 185, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/7
Manufacturer's Designation: DPKB (SY)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/8
Manufacturer's Designation: DPKA (PY)
Class: R
Shell: A Insert: 018, 032, 051, 131
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/9
Manufacturer's Designation: DPKB (PM)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/10
Manufacturer's Designation: DPKB (PH)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 71C
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/11
Manufacturer's Designation: DPKA (PZ)
Class: R
Shell: A Insert: 018, 032, 051
Test or Qualification Reference: C70-73

Supplier: ITT Cannon
Government Designation: M83733/12
Manufacturer's Designation: DPKB (SH)
Class: R
Shell: B Insert: 048, 064, 071, 078, 101, 71C
Test or Qualification Reference: C70-73

Manufacturer and Supplier Location Information

Manufacturer: ITT Cannon (CAGE Code: 71468)

Location: P. O. Box 929, 666 East Dyer Road, Santa Ana, CA 92705-5561, US

Assembly Plants:
1. Arrow PEMCO Group, 9801 Legler Road, Lenexa, KS 66215, US
2. Avnet/Time Electronics (Grapevine, TX), 2200 William D. Tate Freeeway, Grapevine, TX 76051, US