



PRODUCT SPECIFICATION



LANGUAGE

ENGLISH

1. SCOPE

This specification covers the Ring Terminal Series.

2. PRODUCT DESCRIPTION

2.1 PRODUCT NAME AND PART NUMBER

Product Name	Part Number	Material THK'	Remark
f 2.5 Ring Terminal	35750-03*0 (35723-0104)	0.3mm	* : 0 (Unplated) 1 (Post-Plated Tin) () : Part No. for Post-Plated Tin-Lead
f 3.5 Ring Terminal	35750-04*0 (35750-0440)	0.4mm	
f 3.2 Ring Terminal	35750-05*0 (35750-0540)	0.5mm	
f 3.2 Ring Terminal	35750-06*0 (35750-0640)	0.5mm	
f 4.3 Ring Terminal	35750-07*0 (35750-0740)	0.5mm	
f 4.3 Ring Terminal	35750-08*0 (35723-0604)	0.5mm	
f 4.3 Ring Terminal	35750-09*0 (35750-0940)	0.4mm	
f 4.3 Ring Terminal	35750-10*0 (35723-0804)	0.5mm	
f 3.2 Ring Terminal	35750-11*0 (35723-0904)	0.5mm	
f 5.4 Ring Terminal	35750-12*0 (35723-1004)	0.5mm	
f 4.3 Ring Terminal (Tooth Type)	35750-48*0	0.5mm	

* 35750-0920 : Pre-Plated Tin

* 35750-1020 : Pre Plated Tin

2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

{See the appropriate Sales Drawings for information on dimensions, materials, platings, and markings.}

REVISE ON PC ONLY		TITLE	RING TERMINAL SERIES
G	REVISED		
REV	DESCRIPTION	THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DOCUMENT NO. PS-35750-0300		FILE NAME PS35750A.SAM	SHEET 2
ES-40000-3996 REV. A SHEET 4 95/MAR/10 EC U5-0926 DCBRD03.SAM			



PRODUCT SPECIFICATION



LANGUAGE

ENGLISH

3. APPLICABLE DOCUMENTS AND SPECIFICATIONS

{See the Sales Drawings and the other sections of this Specification for the necessary referanced documents and specifications.}

4. RATINGS

4.1 Voltage

300 Volts AC (RMS) {or 300 Volts DC}

4.2 Temperature Range

-40°C - 105°C

4.3 Applicable Wire Range and Current Rating

Part Number	Wire Range	Insul. Dia.	Current (A)
35750-03*0	AWG #28-#24 (0.08-0.20mm ²)	f 1.5 Max.	2.5 Max.
35750-04*0	AWG #20-#16 (0.53-1.38mm ²)	f 2.5 Max.	10.0 Max.
35750-05*0	AWG #20-#16 (0.53-1.38mm ²)	f 3.2 Max.	10.0 Max.
35750-06*0	AWG #20-#16 (0.53-1.38mm ²)	f 3.2 Max.	10.0 Max.
35750-07*0	AWG #20-#16 (0.53-1.38mm ²)	f 3.2 Max.	10.0 Max.
35750-08*0	AWG #22-#18 (0.37-0.85mm ²)	f 2.2 Max.	7.0 Max.
35750-09*0	AWG #18-#14 (0.75-2.08mm ²)	f 3.2 Max.	15.0 Max.
35750-10*0	AWG #18-#14 (0.75-2.08mm ²)	f 3.2 Max.	15.0 Max.
35750-11*0	AWG #18-#14 (0.75-2.08mm ²)	f 3.0 Max.	15.0 Max.
35750-12*0	AWG #18-#14 (0.75-2.08mm ²)	f 3.2 Max.	15.0 Max.
35750-48*0	AWG #18-#14 (0.75-2.08mm ²)	f 3.2 Max.	15.0 Max.

REVISE ON PC ONLY		TITLE	RING TERMINAL SERIES
G	REVISED		
REV	DESCRIPTION		
DOCUMENT NO. PS-35750-0300		THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		FILE NAME PS35750A.SAM	SHEET 3
ES-40000-3996 REV. A SHEET 4 95/MAR/10 EC U5-0926 DCBRD03.SAM			



PRODUCT SPECIFICATION



LANGUAGE

ENGLISH

5. PERFORMANCE SPECIFICATION

ITEM	TEST CONDITION	REQUIREMENT		
5.1 Electric Resistance	Measure the resistance on crimping part at the test current load. * Test Current (DC)	1.0 m? Max.		
	Wire Size			Test Current
	AWG #28 AWG #26 AWG #24 AWG #22 AWG #20 AWG #18 AWG #16 AWG #14			1.5 A 2.0 A 2.5 A 3.0 A 4.0 A 7.0 A 10.0 A 15.0 A
5.2 Temperature Rise	Measure the temperature rise at the test current load. * Test Current : Apply 5.1	Maximum temperature rise of the terminal over ambient of 30 °C		
5.3 Crimping Pullout Force	Apply axial pullout force on a wire at a rate of 25±6mm per minutes.	Wire Size	Pullout Force (Min.)	
		AWG #28 AWG #26 AWG #24 AWG #22 AWG #20 AWG #18 AWG #16 AWG #14	1.0 Kg.f 2.0 Kg.f 3.0 Kg.f 3.9 Kg.f 6.1 Kg.f 8.2 Kg.f 13.3 Kg.f 19.4 Kg.f	
5.4 Salt Spray	Put the terminal into the chamber at 35±2°C and spray 5% solution of NaCl for 48hours.	* Appearance : No Damage * Electric Resistance : 1.0 m? Max.		

REVISE ON PC ONLY		TITLE	RING TERMINAL SERIES
G	REVISED		
REV	DESCRIPTION	THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DOCUMENT NO. PS-35750-0300		FILE NAME PS35750A.SAM	SHEET 4
ES-40000-3996 REV. A SHEET 4 95/MAR/10 EC U5-0926 DCBRD03.SAM			