



Broadcast Products Technical Bulletin 20-2002-036R

DATE: **July 15, 2002**

SUBJECT: **NO SDI OUTPUT**

MODEL: **HKPF-103
HKPF-105
HKPF-106
HKPF-103M
HKPF-105M
HKPF-106M**

DESCRIPTION

If a short circuit occurs in the toroidal coil winding, the protection circuit of the DC/DC converter is activated and power is not distributed to the circuitry, resulting in no SDI output. The display on the front panel appears as shown in Table 1.

SERIAL NO:



	HKPF-103	11,001-12,130
	HKPF-105	11,001-11,330
	HKPF-106	11,001-11,510
	HKPF-103M	10,101-10,905
	HKPF-105M	10,101-10,395
	HKPF-106M	10,101-10,455

Table 1

Model	Display
HKPF-103/105/106	No video input
HKPF-103M/105M/106M	No video input
	Format display: "--" blinks

To prevent a short circuit, perform the following modification procedure.

PARTS REQUIRED

Sony bond SC608LVZ (or equivalent)

MODIFICATION PROCEDURE

1. Check the length of the soldered lead of the toroidal coils listed in Table 2.

NOTE: If the lead is loose, pull the core up.

Table 2

Model	Board	Coil	Side	Zone	Part No.
HKPF-103 HKPF-105 HKPF-106	DPR-96	L7	A	J-1	1-411-323-11
		L4		H2	1-409-721-11
		L8		H3	
HKPF-103M HKPF-105M HKPF-106M	DPR-151	L907		J-2	1-411-323-11
		L906		J-1	1-409-721-11

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2. If the length of the soldered lead is more than 0.4 mm from the bottom of the coil, replace the coil with a new coil. (See Figure 1.)

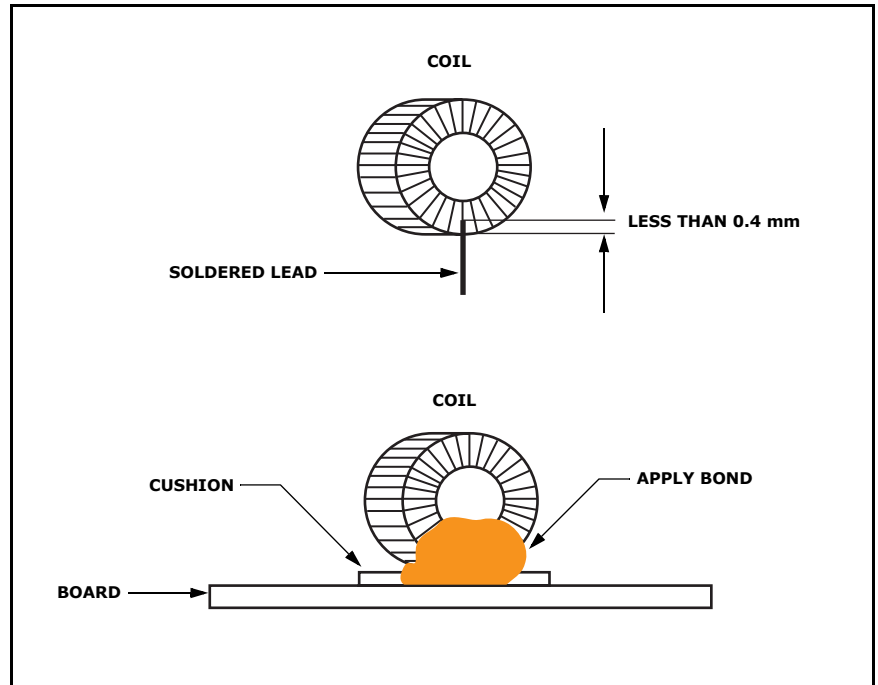


Figure 1

3. After inspecting or replacing the coil, affix the coil to the board with bond.

NOTE:

- Perform this step on all units regardless of whether or not the coil is replaced.
 - Allow ten minutes for the bond to harden.
4. Affix the lead, the cushion, and the board together with bond as shown in Figure 1.

CONFIRMATION

Install the board in PFV-HD300/HD50A, and verify that the unit works properly.