HEC Feedthrough Spare Connectors

Total of 8 HEC feedthroughs 1 spare

HEC Meeting 19/05/99
Michel Lefebvre
University of Victoria

HEC Feedthrough

Number of feedthrough units per endcap	4
Number of spare feedthroughs	1

connector	pigtail type		connector	pigtail type
15A	LV		15B	LV
14A	LV		14B	LV
13A	LV		13B	LV
12A	T51		12B	T51
11A	T51		11B	T51
10A	T50		10B	T50
9A	T50		9B	T50
8A	T49		8B	T49
7A	T49		7B	T49
6A	T49		6B	T49
5A	T49		5B	T49
4A	T47		4B	T47
3A	T47		3B	T47
2A	T48		2B	T48
1A	T48		1B	T48

Only 4/6 of these connectors are required

EMEC

pigtail type	per feedthrough	per endcap	both endcaps	spare feedthroughs
T47	4	16	32	4
T48	4	16	32	4
T49	8	32	64	8
T50	4	16	32	4
T51	4	16	32	4
T52	0	0	0	0
LV	6	24	48	6
Total	30	120	240	30

needs updating

Which 4 connectors are used for LV?
What do we do with the other 2?

HEC Feedthrough Spare Connectors Proposal

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If the HEC group does not propose a long shaping for the 4th segment then I propose the two following options:

a) two spare HEC T49 pigtails in slot 13A and 13B

OR

b) one spare HEC T49 pigtail in slot 13A and one spare LV in slot 13B

Solution b) may not be viable because of heat losses.
The decision between a) or b) will be taken during the summer by the endcap feedthrough team.

If the HEC group proposes a long shaping for the 4th segment, then the HEC group will make a proposal for the spare connector usage.

A firm decision by mid September 1999 is required for the procurement of the spare pigtails.