

PHS temperature sensing PC card

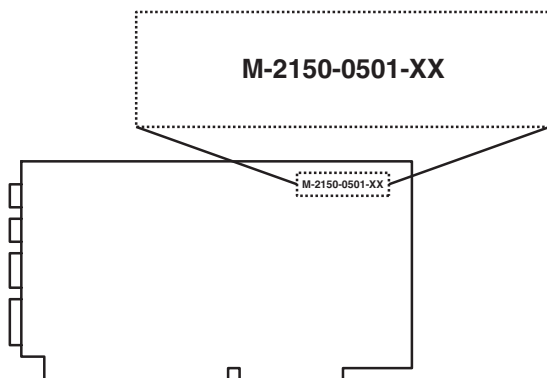
PHS temperature sensing PC card

The PHS1 head has been equipped with a head temperature sensing facility to allow thermal compensation. Previously, the PC card was unable to read this information but a new card has been designed to accommodate this facility.

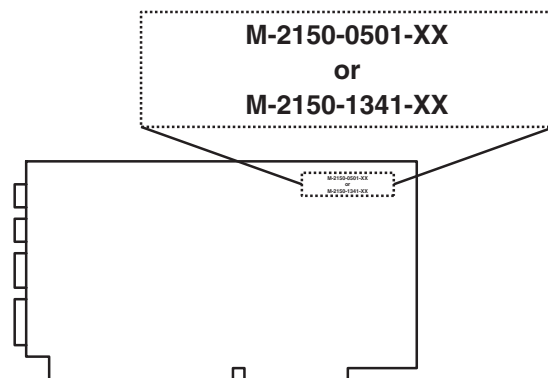
Identification of new card

The PC card level may be identified by looking at the PCB part number (different to the card assembly) on the component free side of the card (see figure 1). THIS NUMBER IS FOR IDENTIFICATION ONLY - DO NOT PLACE ORDERS USING THIS NUMBER. The optional filter module should not be used with the new card (as the filter module is already incorporated onto the card).

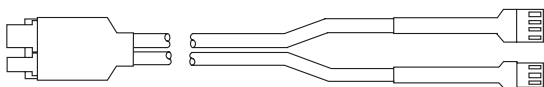
'Old' non-temperature PC card:



'New' non-temperature PC card:



Optional filter module:



A-2150-1097

NOTE: NOT to be used with **NEW** card.

Figure 1 - PHS PC card identification

Switch settings

Due to the added functionality of the new card, the SYNC EDGE and CONTROLLER SELECT switches have been moved (see figure 2). Switch banks 1, 2 and 3 (card address select) remain unchanged but switch 4 changes as follows. Therefore it is important that you do not copy the DIP switch settings one to one.

	PC card - OLD (0551)		PC card - NEW (0881) and (1341)
SW1-1	Card address select - as before	→	Card address select - as before
SW1-2		→	
SW1-3		→	
SW2-1		→	
SW2-2		→	
SW2-3		→	
SW3-1		→	
SW3-2		→	
SW3-3		Not used	
SW4-1	Sync edge off (Left) = Rising edge On (Right) = Falling edge	↗	Not used
SW4-2	Controller select Off (Left) = IBM-PC Bus On (Right) = DELTA- TAU	↘	Sync edge off (Left) = Rising edge; On (Right) = Falling Edge.
SW4-3	Not used		Controller select Off (Left) = IBM-PC Bus On (Right) = DELTA- TAU

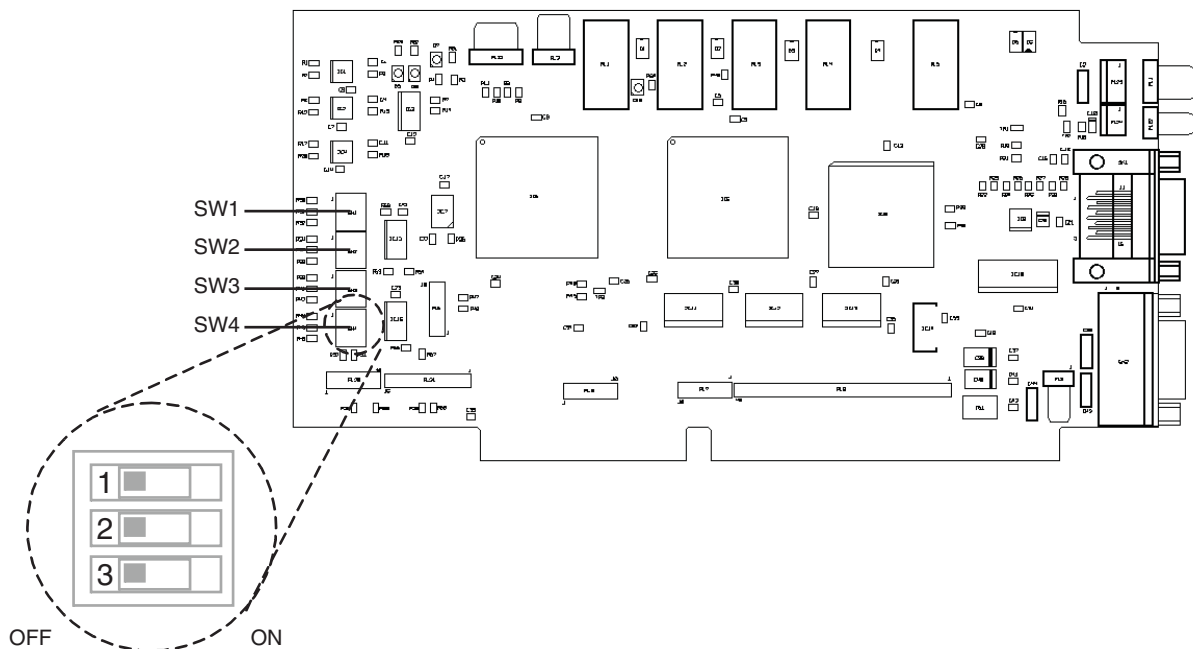


Figure 2 - PC card switches (0881 / 1341 card shown)

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