

Compact Flash Memory Card Connectors



Features/Benefits

TYPE I

SERIES 5610/5611/5612

Series 5610, 5611 and 5612 are memory card connectors supporting Compact Flash. They are used for small portable devices such as digital cameras, Notebook PC, PDA, etc.

Series 5610 consists of header and ejector, Series 5611 of card receptacle connector and Series 5612 of card kit covers.

The header supports auto-mounting processes. It offers many options of ejector-button position and customized design. In addition to the normal and reverse type, standoff type (H=0/H=2.0) can also be offered, which enables the components to be mounted on the back side of card. The connector used for card side has variations of straddle mount type and single side mount type.

TECHNICAL SPECIFICATIONS

Series 5610

Number of Contacts:	50
Pitch:	1.27mm (0.05) Grid
Tail Pitch:	0.635mm (0.025)
Current Rating:	0.5A Max.
Voltage Rating:	5V Max.
DW Voltage:	500V rms/min.
Mating Cycles	10,000

Series 5611

Number of Contacts:	50
Pitch:	1.27mm (0.05) Grid
Tail Pitch	
Straddle:	1.27mm (0.05)
Single Side:	0.635mm (0.025)
Current Rating:	0.5A Max.
Voltage Rating:	5V Max.
DW Voltage:	500V rms/min.
Mating Cycles	10,000

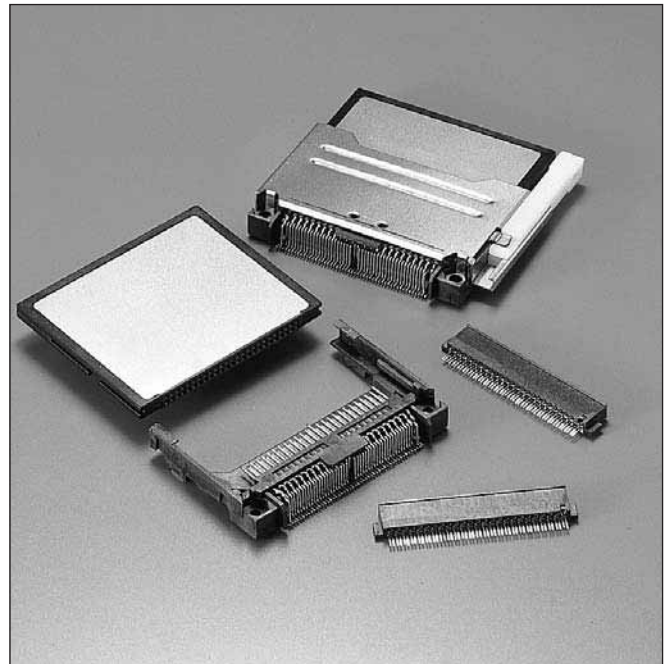
TYPE II

SERIES 5620

Series 5620 is a memory card connector designed to comply with the Type II card standard of Compact Flash Association.

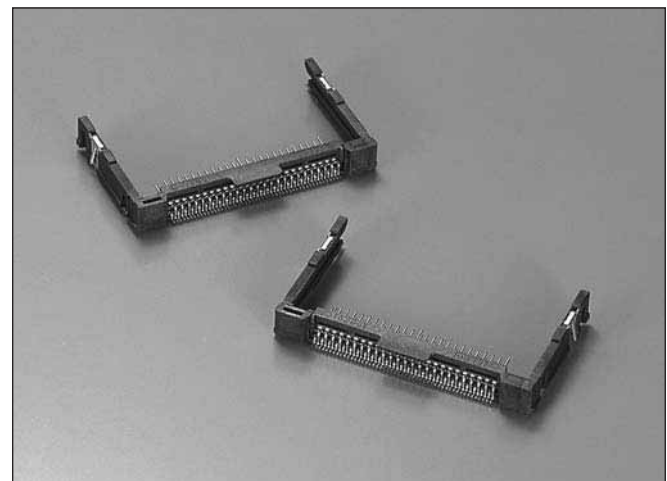
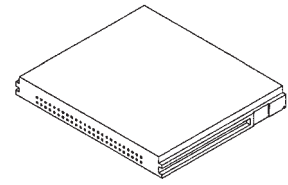
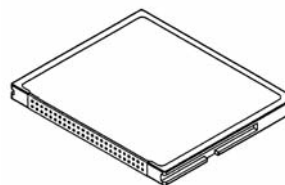
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TYPE I

TYPE II

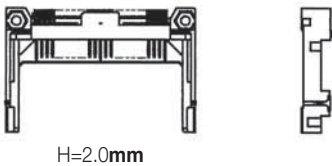


Compact Flash Memory Card Connectors

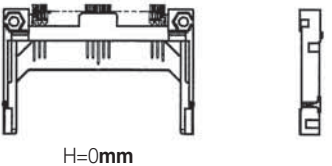


Series 5610/5620 Product Selection Guide

CONNECTOR



H=2.0mm

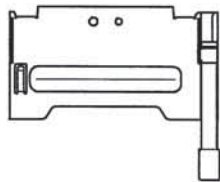


H=0mm

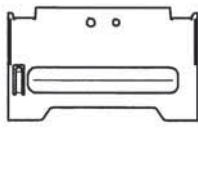
EJECTOR



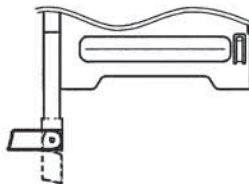
LEFT STRAIGHT BUTTON



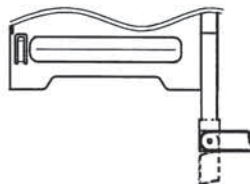
RIGHT STRAIGHT BUTTON



WITHOUT BUTTON



LEFT FOLDABLE BUTTON



RIGHT FOLDABLE BUTTON

CONNECTOR

Stand Off	Keying	Connector	Page
Type I Height=0	Normal	31 5610 050 500 871	24, 25
	Reverse	31 5610 050 550 871	
Type I Height=2.0	Normal	31 5610 050 210 871	26, 27
	Reverse	31 5610 050 260 871	
Type II Height=0	Normal	31 5620 050 116 871	28
Type II Height=2.0	Reverse	31 5620 050 716 871	29

CONNECTOR AND EJECTOR

Connector Style		Ejector Style		How To Order		Page
Stand Off	Keying	Button Side		Connector	Ejector	
Type I Height=0	Normal	Straight	Left	31 5610 050 500 871	30 5610 000 001 000	24, 25
			Right	31 5610 050 500 871	30 5610 000 002 000	
		Foldable	Left	31 5610 050 500 871	30 5610 000 005 000	
			Right	31 5610 050 500 871	30 5610 000 006 000	
Type I Height=0	Reverse	Straight	Left	31 5610 050 550 871	30 5610 000 001 000	24, 25
			Right	31 5610 050 550 871	30 5610 000 002 000	
		Foldable	Left	31 5610 050 550 871	30 5610 000 005 000	
			Right	31 5610 050 550 871	30 5610 000 006 000	
Type I Height=2.0	Normal	Straight	Left	31 5610 050 210 871	30 5610 000 001 000	26, 27
			Right	31 5610 050 210 871	30 5610 000 002 000	
		Foldable	Left	31 5610 050 210 871	30 5610 000 005 000	
			Right	31 5610 050 210 871	30 5610 000 006 000	
Type I Height=2.0	Reverse	Straight	Left	31 5610 050 260 871	30 5610 000 001 000	26, 27
			Right	31 5610 050 260 871	30 5610 000 002 000	
		Foldable	Left	31 5610 050 260 871	30 5610 000 005 000	
			Right	31 5610 050 260 871	30 5610 000 006 000	
Type II Height=0	Normal	Straight	Left	31 5620 050 116 871	30 5620 000 001 000	28
			Right	31 5620 050 116 871	30 5620 000 002 000	
		Foldable	Left	31 5620 050 116 871	30 5620 000 005 000	
			Right	31 5620 050 116 871	30 5620 000 006 000	
Type II Height=2.0	Reverse	Straight	Left	31 5620 050 716 871	30 5620 000 001 000	29
			Right	31 5620 050 716 871	30 5620 000 002 000	
		Foldable	Left	31 5620 050 716 871	30 5620 000 005 000	
			Right	31 5620 050 716 871	30 5620 000 006 000	

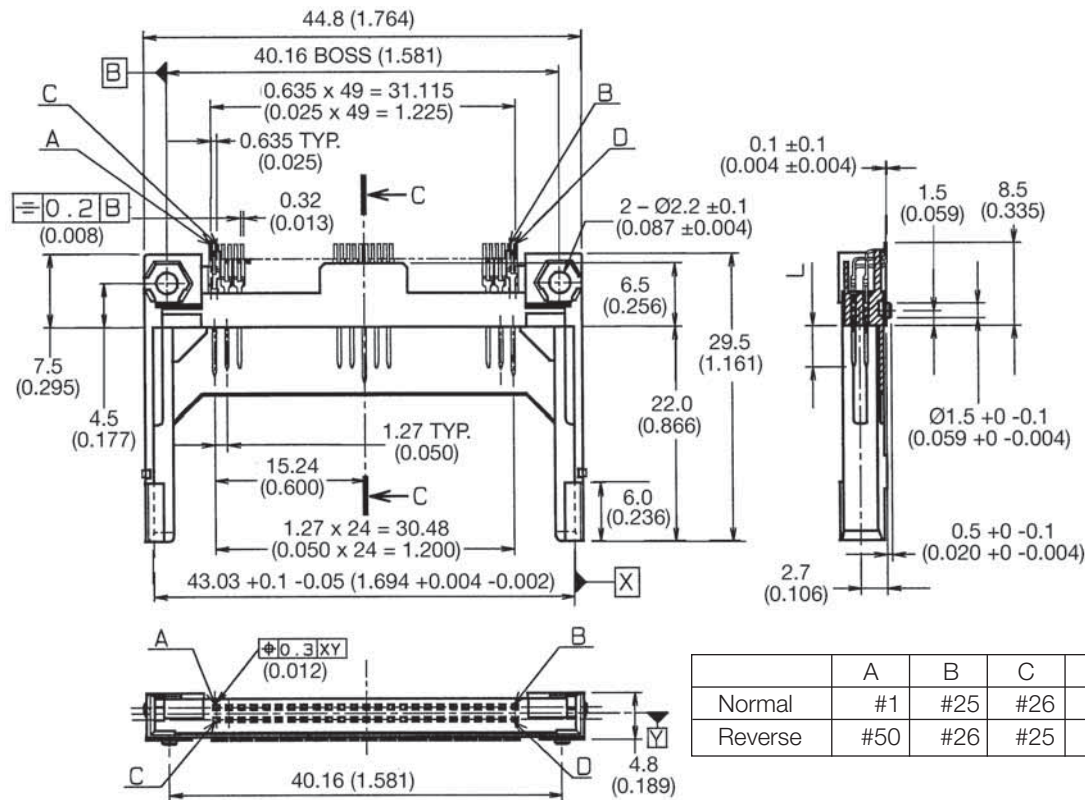


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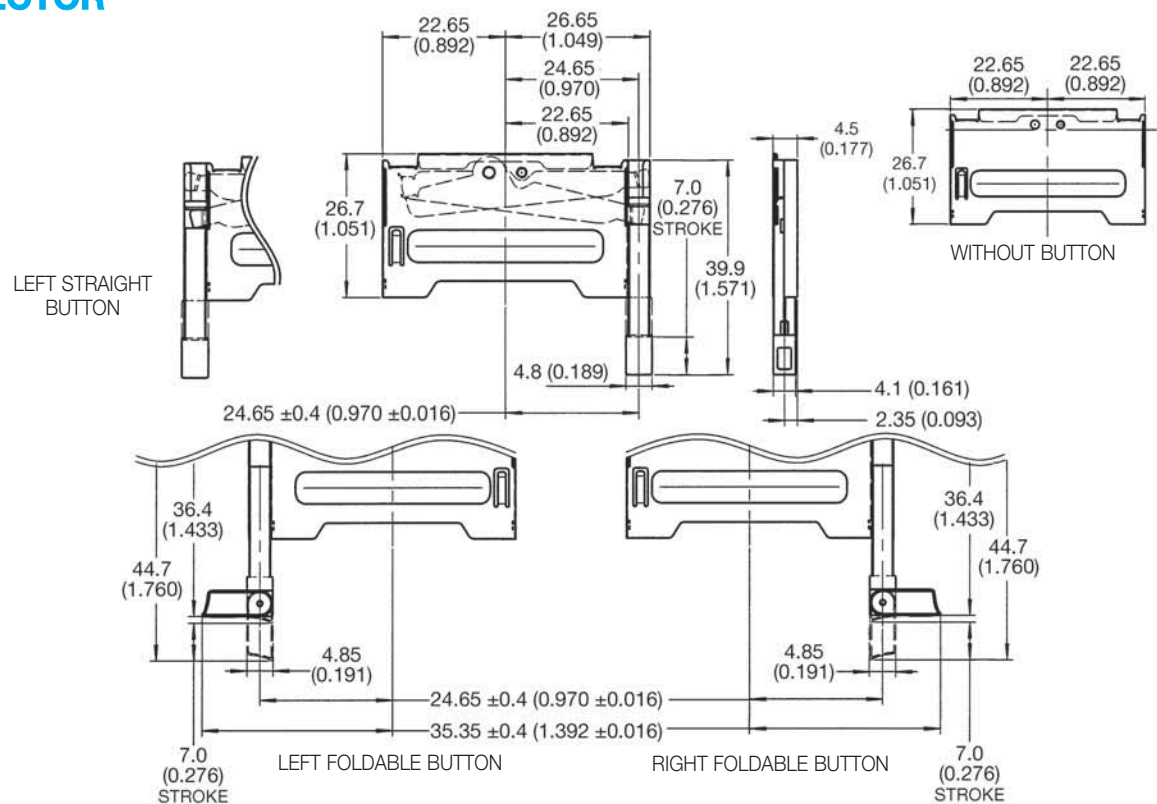


Series 5610 Header/Ejector Assembly H=0mm

CONNECTOR



EJECTOR



See page 23 for How To Order

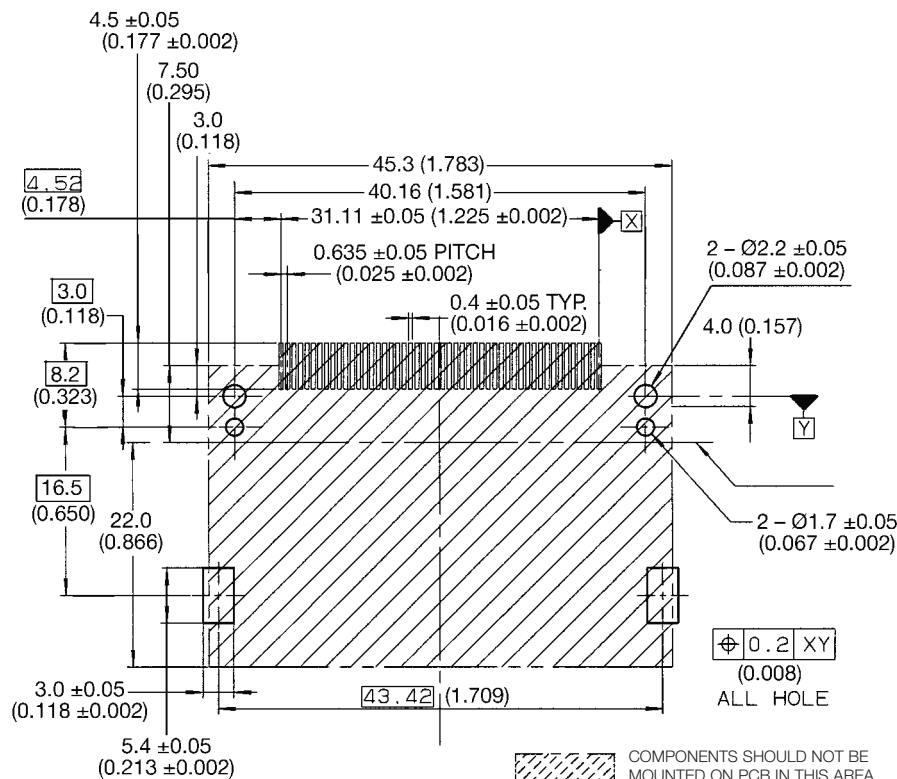
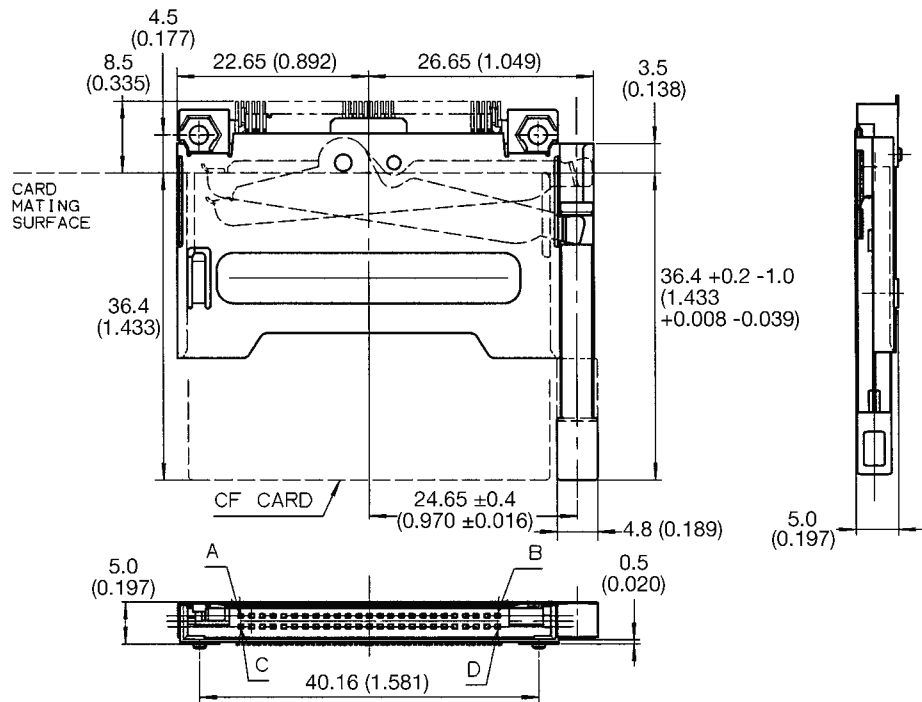


Compact Flash Memory Card Connectors



Series 5610 Header/Ejector Assembly H=0mm

ASSEMBLY



RECOMMENDED PRINTED CIRCUIT LAYOUT

Height	Boss	Key	How To Order
H=0	0.5	Normal	31 5610 050 500 871
		Reverse	31 5610 050 550 871

	A	B	C	D
Normal	#1	#25	#26	#50
Reverse	#50	#26	#25	#1

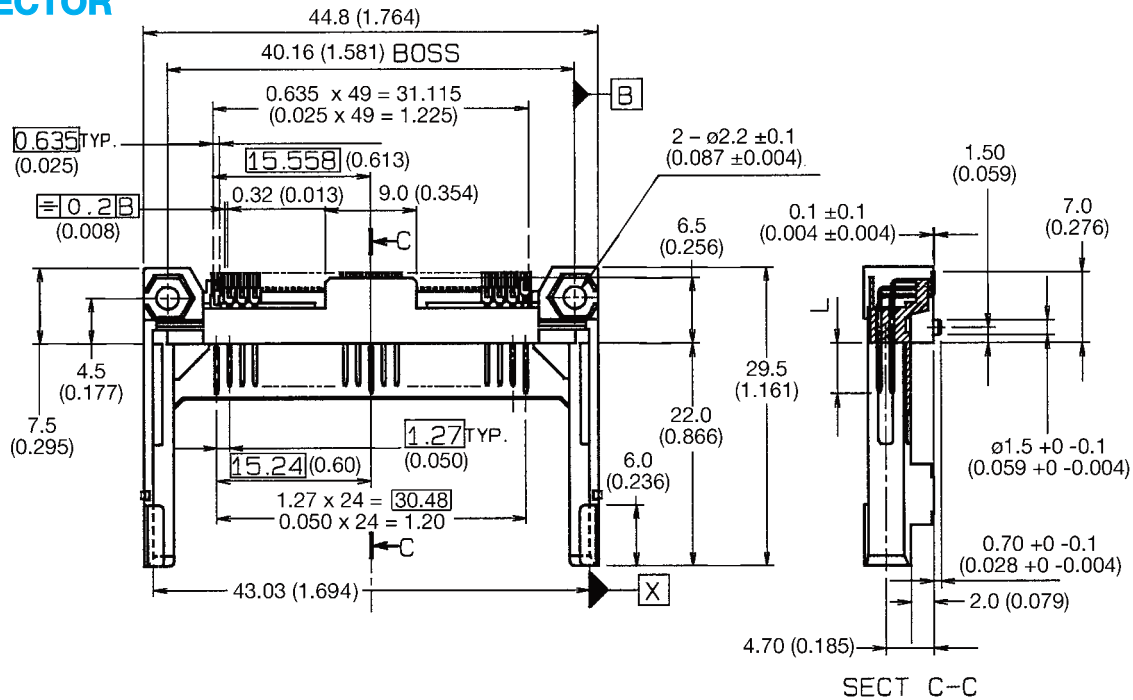


Compact Flash Memory Card Connectors

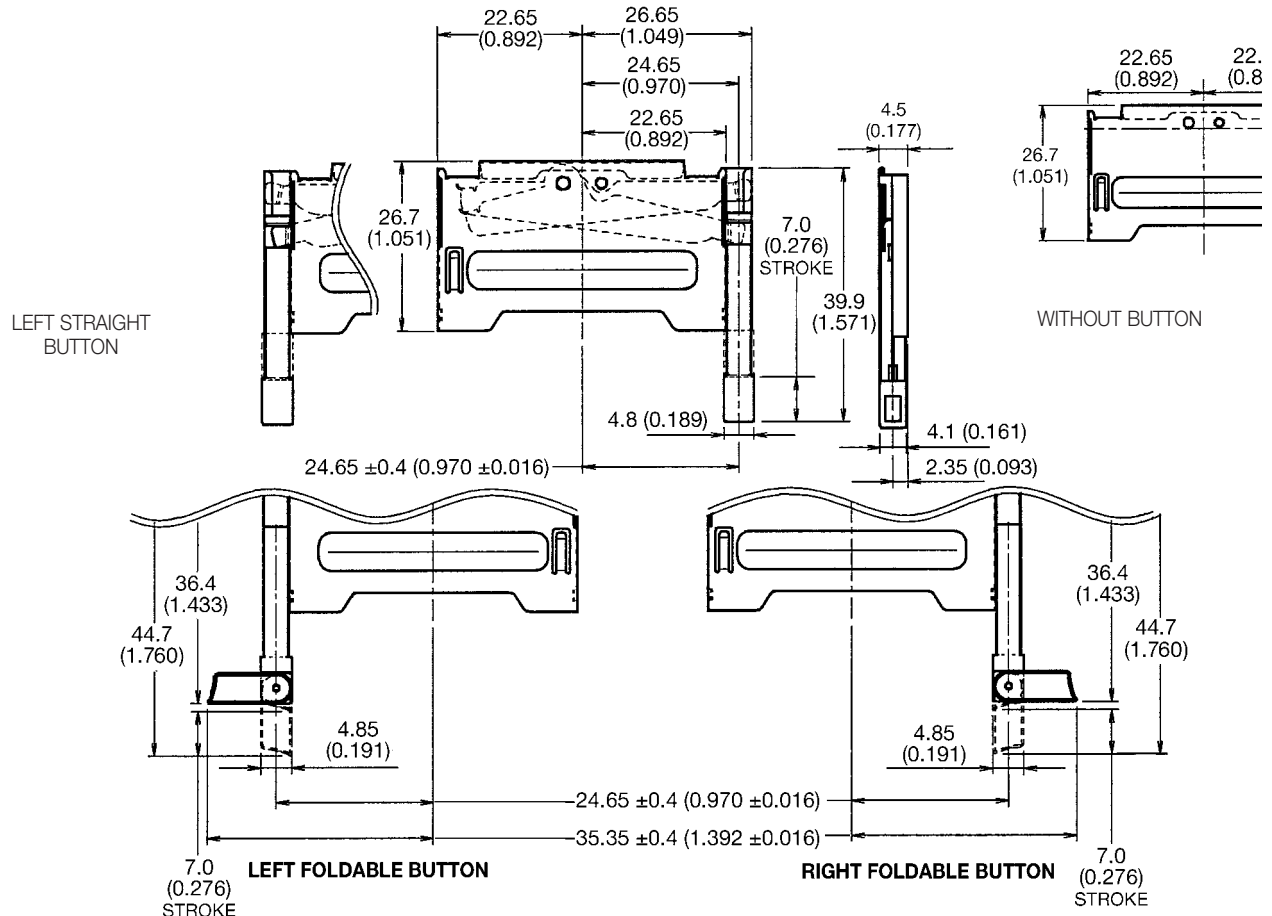


Series 5610 Header/Ejector Assembly H=2mm

CONNECTOR



EJECTOR



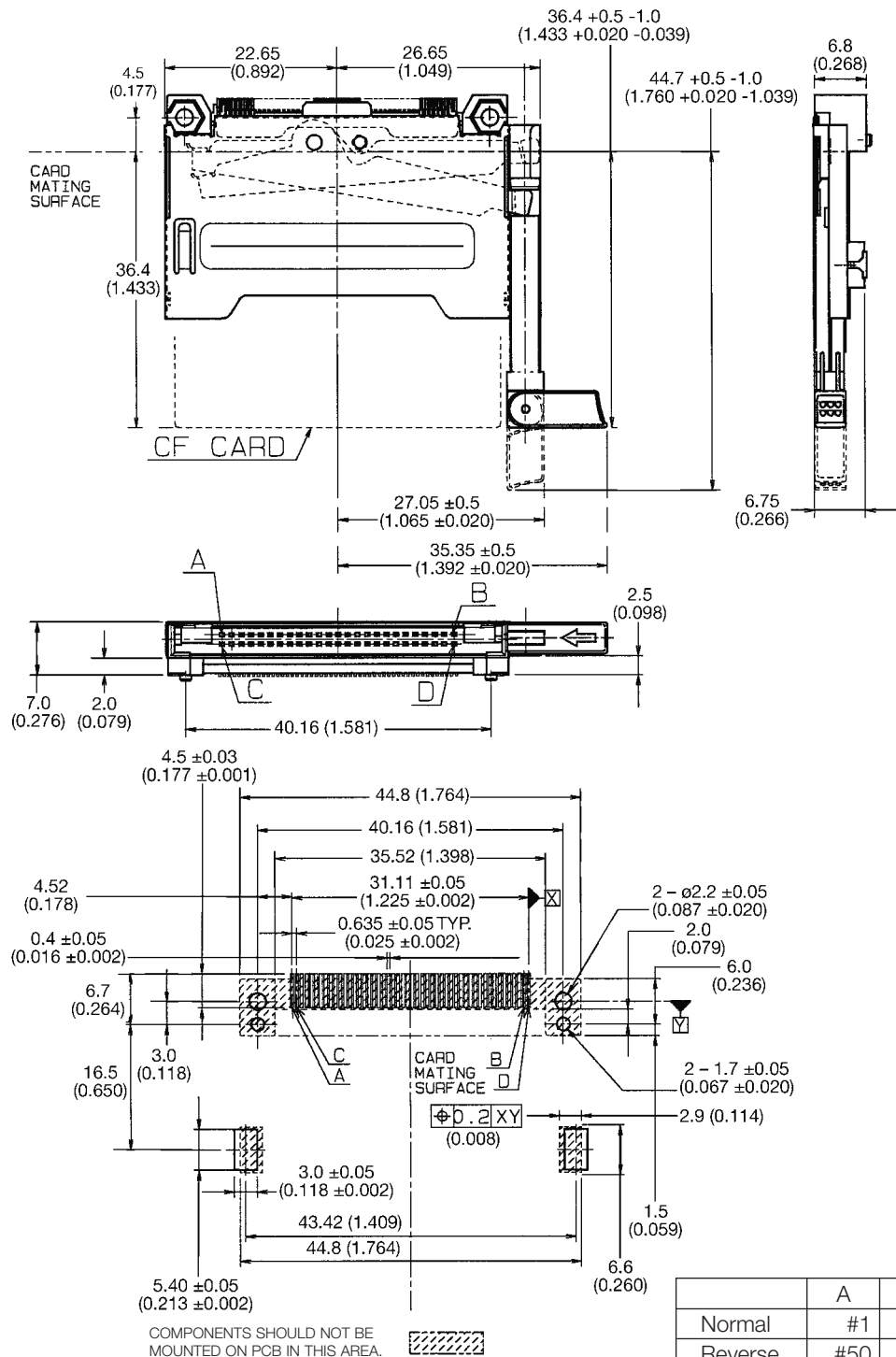
See page 23 for How To Order

Compact Flash Memory Card Connectors



Series 5610 Header/Ejector Assembly H=2mm

ASSEMBLY



RECOMMENDED PRINTED CIRCUIT LAYOUT

	A	B	C	D
Normal	#1	#25	#26	#50
Reverse	#50	#26	#25	#1

CONNECTOR			
Height	Boss	Key	How To Order
H=2.2	0.7	Normal	31 5610 050 210 871
		Reverse	31 5610 050 260 871



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