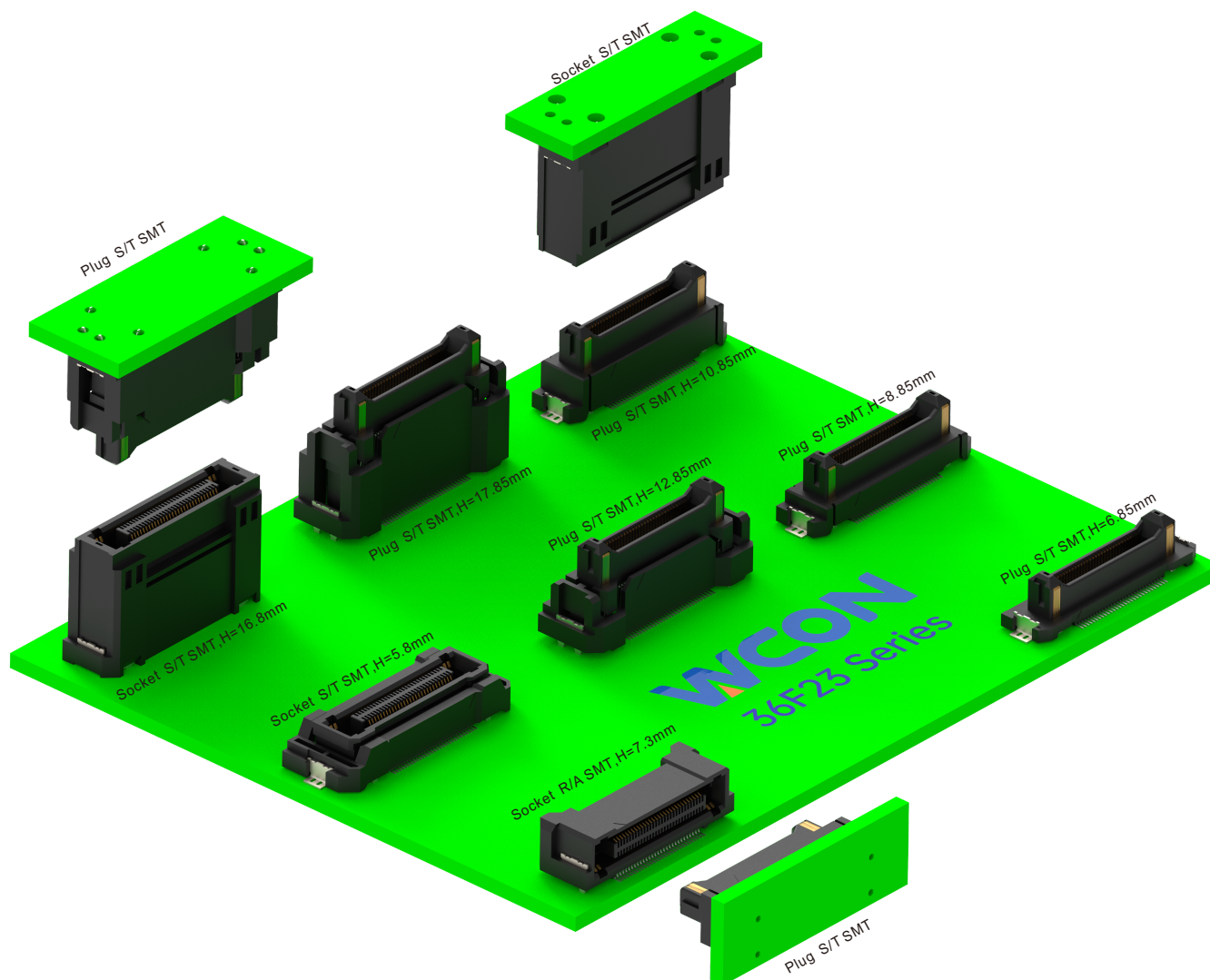


Board-Mounting
 S/T SMT & R/A SMT





36F23 Series

0.50mm (0.020"), Board to Board, Floating, Plug, S/T SMT

SPECIFICATIONS

Current Rating: Signal: 0.5A Max.

Power: 3.0A Max.

Rated Voltage: Signal: 50V AC

Power: 200V AC

Contact Resistance: Signal: 70mΩ Max

Power: 20mΩ Max

Insulation Resistance: Signal: 100MΩ Min

Power: 1000MΩ Min

Withstand Voltage: Signal: 150V AC/Min.

Power: 600V AC/Min.

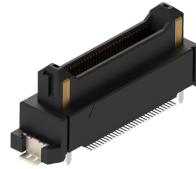
Operation Temperature: -55°C to +105°C

Contact Material: Copper Alloy

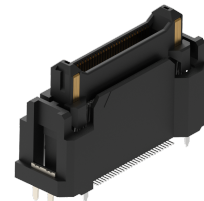
Contact plating: Au over Ni

Standard: LCP+GF(UL94V-0)

TYPE: IR

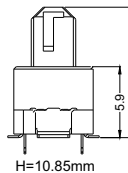
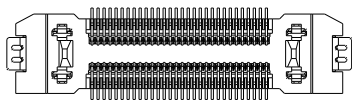
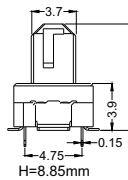
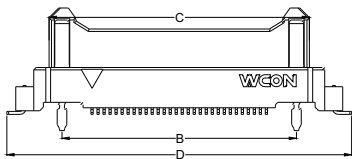
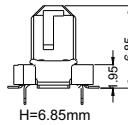
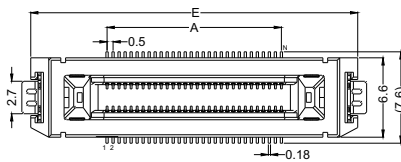


36F23-PMXXX-068GXR01W

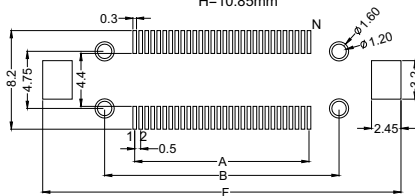


36F23-PMXXX-178GXR01W

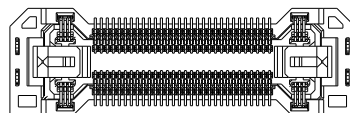
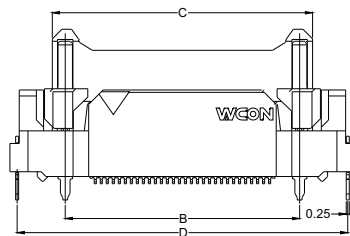
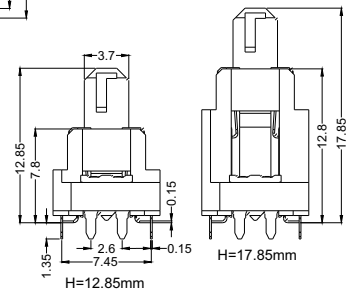
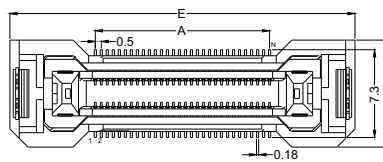
36F23 - P	X	XXX	-	XXX	XX	R	01	X
Board-Mounting M: S/T SMT		Positions 20, 40, 60, 80, 100, 120	Insulator Height 068=6.85mm 088=8.85mm 108=10.85mm 128=12.85mm 178=17.85mm		Contact plating area G1=3u" Au G2=5u" Au	Packaging R: T & R+CAP		Option W: W/ Logo



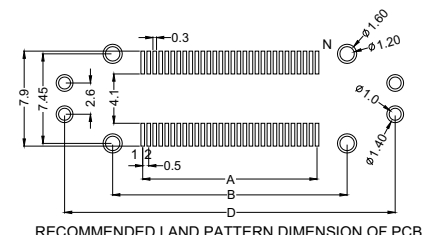
Pos	A	B	C	D	E	F
20	4.5	9.5	11.65	18.7	17.2	19.8
40	9.5	14.5	16.65	23.7	22.2	24.8
60	14.5	19.5	21.65	28.7	27.2	29.8
80	19.5	24.5	26.65	33.7	32.2	34.8
100	24.5	29.5	31.65	38.7	37.2	39.8
120	29.5	34.5	36.65	43.7	42.2	44.8



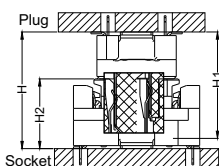
RECOMMENDED LAND PATTERN DIMENSION OF PCB



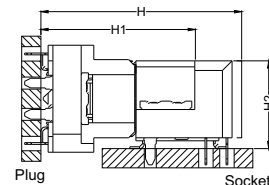
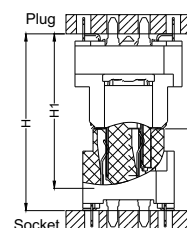
Pos	A	B	C	D	E
20	4.5	9.5	11.65	17.5	18.7
40	9.5	14.5	16.65	22.5	23.7
60	14.5	19.5	21.65	27.5	28.7
80	19.5	24.5	26.65	32.5	33.7
100	24.5	29.5	31.65	37.5	38.7
120	29.5	34.5	36.65	42.5	43.7



RECOMMENDED LAND PATTERN DIMENSION OF PCB



Stack Height (H)	Socket Height H2	Plug Height H1
8	5.8	6.85
10		8.85
12		10.85



Stack Height (H)	Socket Height H2	Plug Height H1
15	6.8	12.85
25	16.8	
16.7	7.3	
20	6.8	17.85
30	16.8	
21.7	7.3	



36F23 Series

0.50mm (0.020"), Board to Board, Floating, Socket, S/T SMT

SPECIFICATIONS

Current Rating: Signal:0.5A Max.

Power:3.0A Max.

Rated Voltage: Signal:50V AC

Power:200V AC

Contact Resistance: Signal:70mΩ Max

Power:20mΩ Max

Insulation Resistance: Signal:100MΩ Min

Power:1000MΩ Min

Withstand Voltage: Signal:150V AC/Min.

Power:600V AC/Min.

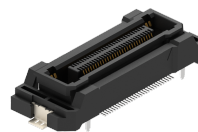
Operation Temperature: -55℃ to +105℃

Contact Material: Copper Alloy

Contact plating: Au over Ni

Standard: LCP+GF(UL94V-0)

TYPE: IR



36F23-SMXXX-058GXR01X



36F23-SMXXX-168GXR01X

36F23 - S M

Board-Mounting
M: S/T SMT

XXX

Positions
20,40,60,
80,100,120

- XXX

Insulator Height
058=5.8mm
068=6.8mm
168=16.8mm

XX

Contact plating area
G1=3u" Au
G2=5u" Au

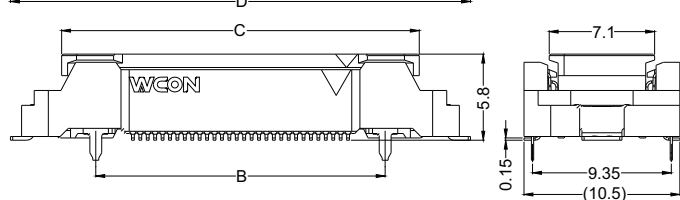
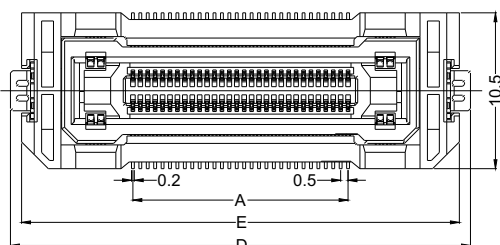
R

Packaging
R:T & R+CAP

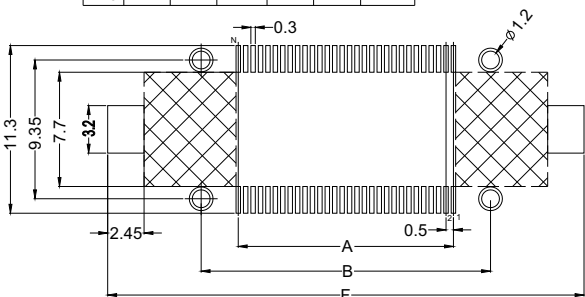
01

X

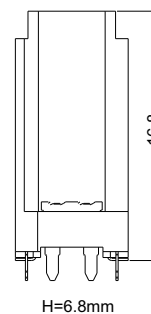
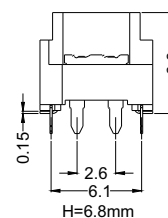
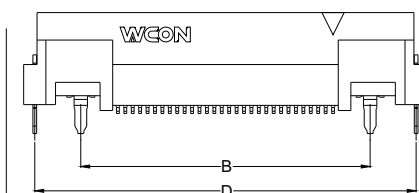
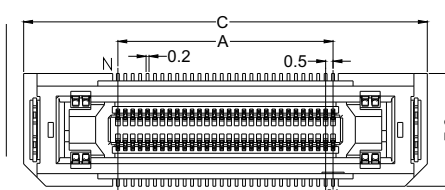
Option
W:W/ Logo



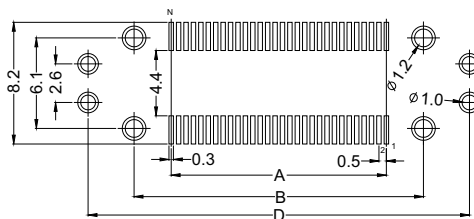
Pos	A	B	C	D	E	F
20	4.5	9.5	14.1	21.0	19.5	22.1
40	9.5	14.5	19.1	26.0	24.5	27.1
60	14.5	19.5	24.1	31.0	29.5	32.1
80	19.5	24.5	29.1	36.0	34.5	37.1
100	24.5	29.5	34.1	41.0	39.5	42.1
120	29.5	34.5	39.1	46.0	44.5	47.1



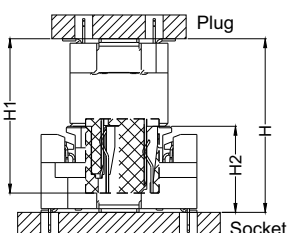
RECOMMENDED LAND PATTERN DIMENSION OF PCB



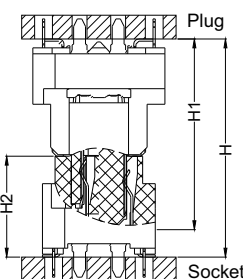
Pos	A	B	C	D
20	4.5	9.5	17.2	15.7
40	9.5	14.5	22.2	20.7
60	14.5	19.5	27.2	25.7
80	19.5	24.5	32.2	30.7
100	24.5	29.5	37.2	35.7
120	29.5	34.5	42.2	40.7



RECOMMENDED LAND PATTERN DIMENSION OF PCB



Stack Height (H)	Plug Height H1	Socket Height H2
8	6.85	5.8
10	8.85	
12	10.85	



Stack Height (H)	Plug Height H1	Socket Height H2
15.0	12.85	6.8
20.0	17.85	
25.0	12.85	16.8
30.0	17.85	



36F23 Series

0.50mm (0.020"), Board to Board, Floating, Socket, R/ASMT

SPECIFICATIONS

Current Rating: Signal: 0.5A Max.

Power: 3.0A Max.

Rated Voltage: Signal: 50V AC

Power: 200V AC

Contact Resistance: Signal: 70mΩ Max

Power: 20mΩ Max

Insulation Resistance: Signal: 100MΩ Min

Power: 1000MΩ Min

Withstand Voltage: Signal: 150V AC/Min.

Power: 600V AC/Min.

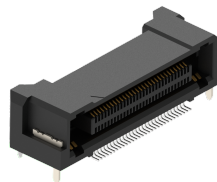
Operation Temperature: -55°C to +105°C

Contact Material: Copper Alloy

Contact plating: Au over Ni

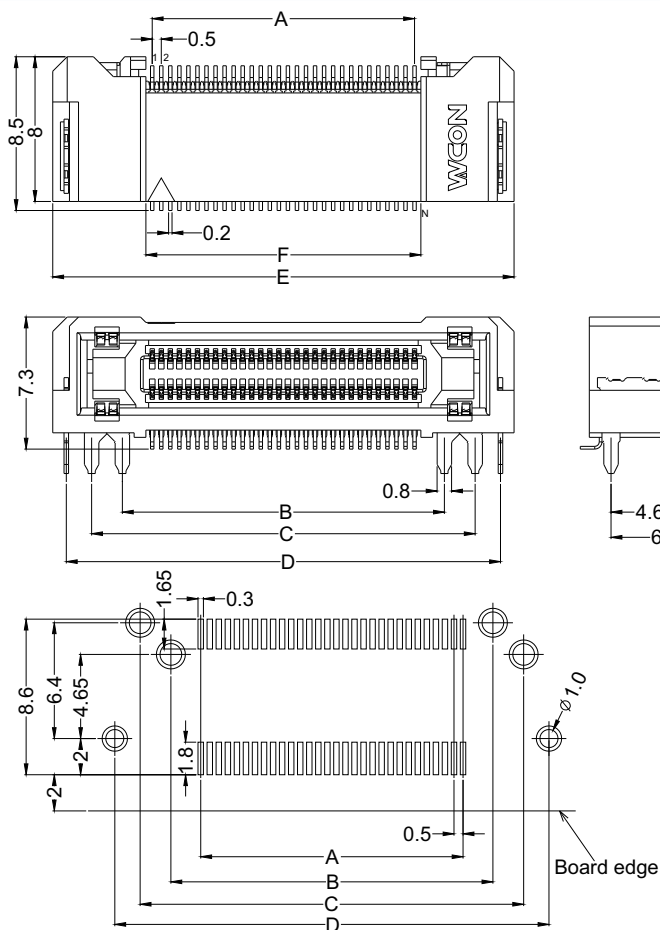
Standard: LCP+GF(UL94V-0)

TYPE: IR



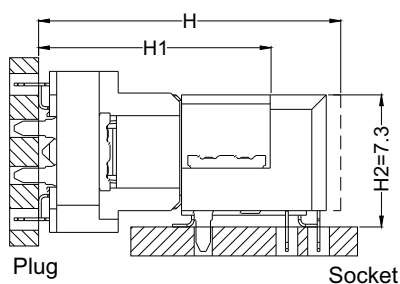
36F23-SZXXX-073GXR01X

36F23 -	S	Z	XXX	-	XXX	XX	R	01	X
	Board-Mounting Z: R/A SMT		Positions 20, 40, 60, 80, 100, 120	Insulator Height 073=7.3mm		Contact plating area G1=3u" Au G2=5u" Au	Packaging R: T & R+CAP	Option W: W/ Logo	



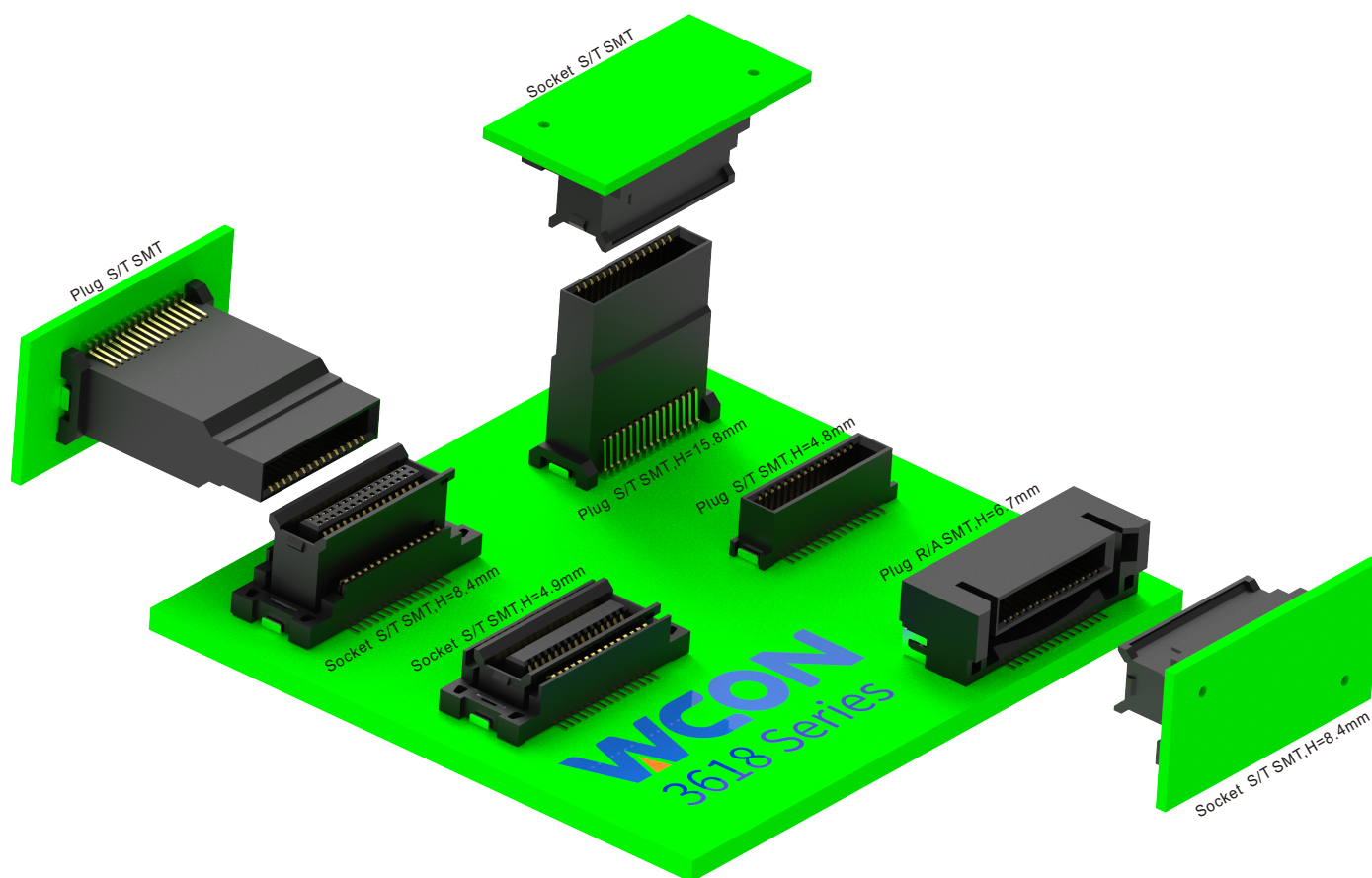
Pos	A	B	C	D	E	F
20	4.5	7.8	11.2	14.0	15.5	5.2
40	9.5	12.8	16.2	19.0	20.5	10.2
60	14.5	17.8	21.2	24.0	25.5	15.2
80	19.5	22.8	26.2	29.0	30.5	20.2
100	24.5	27.8	31.2	34.0	35.5	25.2
120	29.5	32.8	36.2	39.0	40.5	30.2

RECOMMENDED LAND PATTERN DIMENSION OF PCB

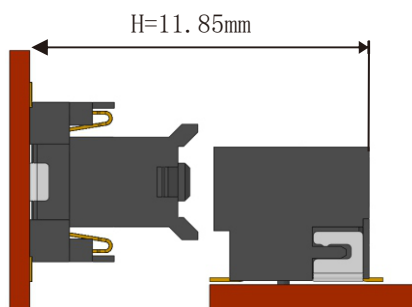


Stack Height (H)	Socket Height H2	Plug Height H1
16.7	7.3	12.85
21.7		17.85

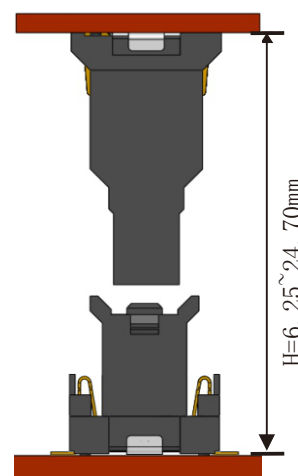
Board-Mounting
S/T SMT & R/A SMT



Stack height	Plug	Socket
H	H1	H2
6.25	4.80	4.95
8.25	6.80	
9.25	7.80	
12.40	10.95	
14.50	13.05	
16.00	14.55	
17.25	15.80	8.45
21.20	19.75	
9.75	4.80	
11.75	6.80	
12.75	7.80	
15.90	10.95	
18.00	13.05	
19.50	14.55	
20.75	15.80	
24.70	19.75	



Vertical Assembly



Parallel Assembly

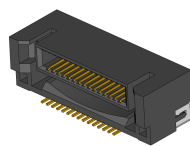


3618 Series

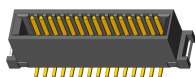
0.80mm (0.032"), Board to Board, Floating, Plug, R/A&S/T SMT

SPECIFICATIONS

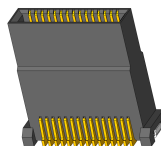
Current Rating: 0.5AMP
Contact Resistance: 100mΩ Max
Insulation Resistance: 500MΩ Min
Withstand Voltage: 250V AC
Operation Temperature: -40°C to +105°C
Contact Material: Copper Alloy
Contact plating: Au over Ni
Standard: LCP+GF(UL94V-0)
TYPE: IR



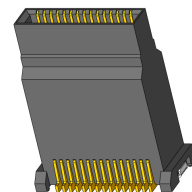
3618-PXXX-067ZXXR0X



3618-PXXX-048MXXR0X

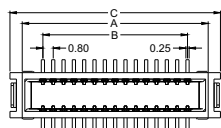


3618-PXXX-158MXXR0X

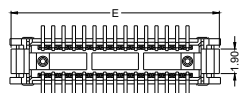
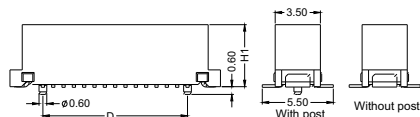


3618-PXXX-197MXXR0X

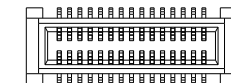
3618 - P	XXX	- XXX	X	XX	R	0X
	Positions 30,40,50,60, 70,80,100	Insulator Height 048=4.80 068=6.80 078=7.80 109=10.90 130=13.0 145=14.50 158=15.80 197=19.70 067=6.70	Board-Mounting M:S/T SMT Z :R/A SMT	Contact plating area G1=3u" Au G3=10u" Au	Packaging R:T & R+CAP	Option 01:With Post 02:Without Post



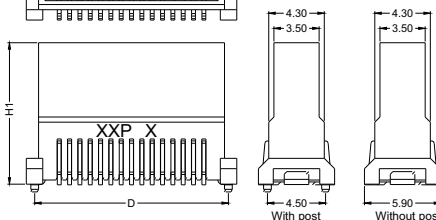
3618-PXXX-XXXMXXR01/2



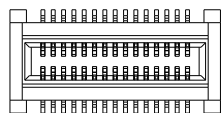
Pos	A	B	C	D	E	Plug Height (H1)		
						4.80	6.80	7.80
30	14.4	11.2	16.3	11.2	16.1			
40	18.4	15.2	20.3	15.2	20.1	✓	✓	✓
50	22.4	19.2	24.3	19.2	24.1			
60	26.4	23.2	28.3	23.2	28.1			
70	30.4	27.2	32.3	27.2	32.1			
80	34.4	31.2	36.3	31.2	36.1	✓	✓	✓
100	42.4	39.2	44.3	39.2	44.1			



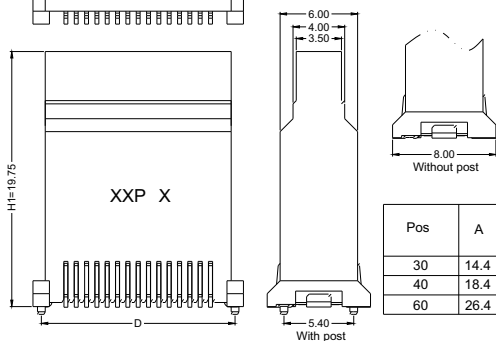
3618-PXXX-XXXMXXR01/2



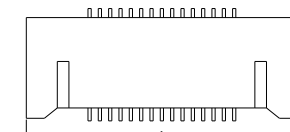
Pos	A	B	C	D	E	Plug Height (H1)			
						10.95	13.05	14.55	15.8
30	14.4	11.2	16.3	15.0	16.16				✓
40	18.4	15.2	20.3	19.0	20.16	✓			
50	22.4	19.2	24.3	23.0	24.16				
60	26.4	23.2	28.3	27.0	28.16				
80	34.4	31.2	36.3	35.0	36.16			✓	
100	41.0	43.0	44.3	41.54	39.2		✓		



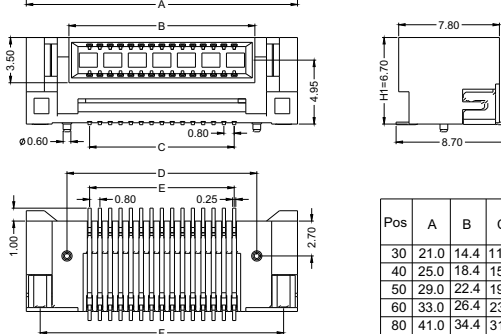
3618-PXXX-197MXXR01



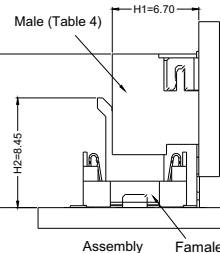
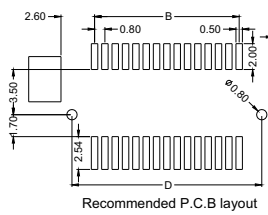
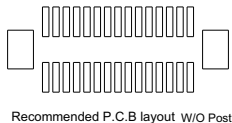
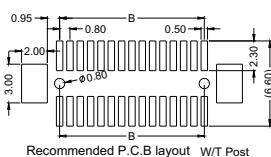
Pos	A	B	C	D	E	Plug Height (H1)
30	14.4	11.2	16.3	15.0	16.16	19.75
40	18.4	15.2	20.3	19.0	20.16	✓
60	26.4	23.2	28.3	27.0	28.16	



3618-PXXX-067ZXXR01



Pos	A	B	C	D	E	F	Plug Height (H1)
30	21.0	14.4	11.2	14.7	11.2	18.85	6.70
40	25.0	18.4	15.2	20.7	15.2	22.85	✓
50	29.0	22.4	19.2	24.7	19.2	26.85	
60	33.0	26.4	23.2	28.7	23.2	30.85	
80	41.0	34.4	31.2	36.7	31.2	38.85	✓



Part No.	Stack Height (H)	Plug Height (H1)	Socket Height (H2)
3618-PXXX-067ZXXR01	11.85	6.70	8.45

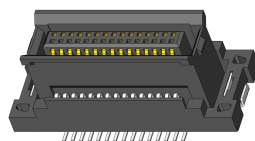


3618 Series

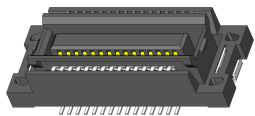
0.80mm (0.032"), Board to Board, Floating, Socket, S/T SMT

SPECIFICATIONS

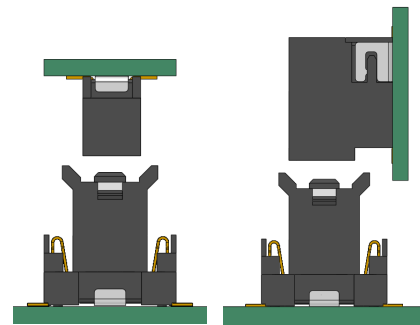
Current Rating: 0.5AMP
Contact Resistance: 100mΩ Max
Insulation Resistance: 500MΩ Min
Withstand Voltage: 250V AC
Operation Temperature: -40°C to +105°C
Contact Material: Copper Alloy
Contact plating: Au or Sn over Ni
Standard: LCP+GF(UL94V-0)
TYPE: IR



3618-SXXX-084MXXR0X

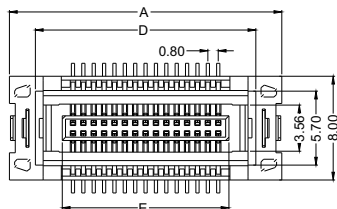


3618-SXXX-049XSXR0X

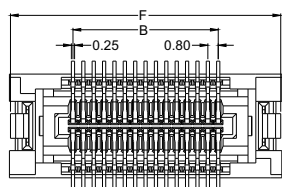
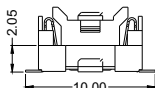
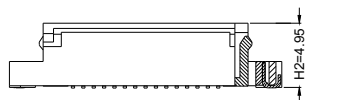


Assembly

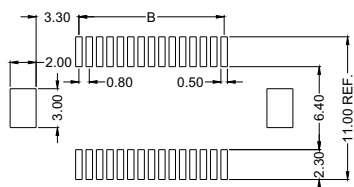
3618 - S	XXX	-	XXX	M	XX	R	0X
	Positions 30,40,50,60,70, 80,90,100,110,120		Insulator Height 049=4.95 084=8.45	Board-Mounting M:S/T SMT	Contact plating area S1=3u" Au/Tin S3=10u" Au/Tin	Packaging R:T & R+CAP	Option 1:With Post 2:Without Post



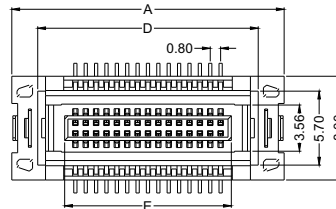
3618-SXXX-049MXXR02



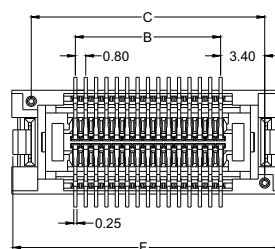
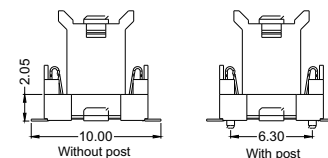
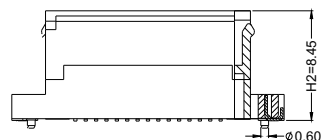
Pos	A	B	C	D	E	F	Socket Height (H2)
30	21.0	11.2	18.0	15.8	12.8	20.8	✓
40	25.0	15.2	22.0	19.8	16.8	24.8	✓
50	29.0	19.2	26.0	23.8	20.8	28.8	✓
60	33.0	23.2	30.0	27.8	24.8	32.8	✓
70	37.0	27.2	34.0	31.8	28.8	36.8	✓
80	41.0	31.2	38.0	35.8	32.8	40.8	✓



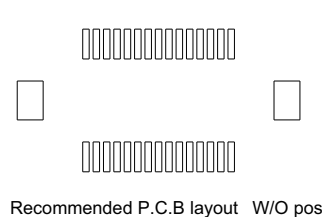
Recommended P.C.B layout



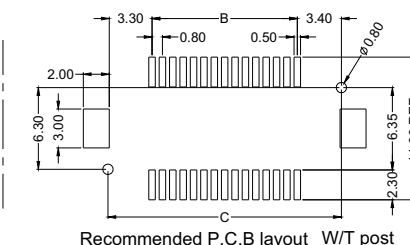
3618-SXXX-084MXXR01/2



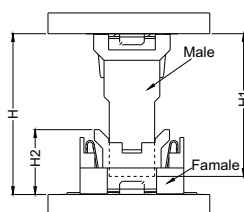
Pos	A	B	C	D	E	F	Socket Height (H2)
30	21.0	11.2	18.0	15.8	12.8	20.8	✓
40	25.0	15.2	22.0	19.8	16.8	24.8	✓
50	29.0	19.2	26.0	23.8	20.8	28.8	✓
60	33.0	23.2	30.0	27.8	24.8	32.8	✓
70	37.0	27.2	34.0	31.8	28.8	36.8	✓
80	41.0	31.2	38.0	35.8	32.8	40.8	✓
90	45.0	35.2	42.0	39.8	36.8	44.8	✓
100	49.0	39.2	46.0	43.8	40.8	48.8	✓
110	53.0	43.2	50.0	47.8	44.8	52.8	✓
120	57.0	47.2	54.0	51.8	48.8	56.8	✓



Recommended P.C.B layout W/O post

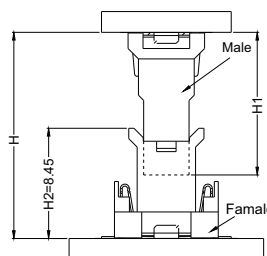


Recommended P.C.B layout W/T post



Plug:H2=4.95

Part No.	Stack Height (H)	Plug (H1)	Socket (H2)
3618-PXXX-048MXXRXX	6.25	4.8	4.95
3618-PXXX-068MXXRXX	8.25	6.8	4.95
3618-PXXX-078MXXRXX	9.25	7.8	4.95
3618-PXXX-109MXXRXX	12.4	10.95	4.95
3618-PXXX-130MXXRXX	14.5	13.05	4.95
3618-PXXX-145MXXRXX	16.0	14.55	4.95
3618-PXXX-158MXXRXX	17.25	15.8	4.95
3618-PXXX-197MXXRXX	21.2	19.75	4.95



Plug:H2=8.45

Part No.	Stack Height (H)	Plug (H1)	Socket (H2)
3618-PXXX-048MXXRXX	9.75	4.8	8.45
3618-PXXX-068MXXRXX	11.75	6.8	8.45
3618-PXXX-078MXXRXX	12.75	7.8	8.45
3618-PXXX-109MXXRXX	15.9	10.95	8.45
3618-PXXX-130MXXRXX	18.0	13.05	8.45
3618-PXXX-145MXXRXX	19.5	14.55	8.45
3618-PXXX-158MXXRXX	20.75	15.8	8.45
3618-PXXX-197MXXRXX	24.7	19.75	8.45