

WCON 35F23 Series

Plug S/T SMT

Socket S/T SMT

Plug S/T SMT H=8.85mm

Plug S/T SMT H=10.85mm

Plug S/T SMT H=12.85mm

Plug S/T SMT H=16.8mm

Plug S/T SMT H=17.85mm

Plug S/T SMT H=5.8mm

Plug S/T SMT H=7.3mm

Plug S/T SMT H=8.85mm



36F23 Series

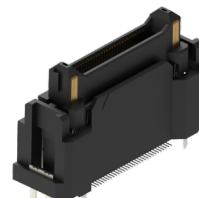
Board to Board, Floating, 0.50mm (0.020"), Plug, S/T SMT

SPECIFICATIONS

Current Rating: 0.5AMP
Contact Resistance: 70mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 150V AC
Operation Temperature: -55°C to +105°C
Contact Material: Copper Alloy
Contact plating: Au over Ni
Standard: LCP+GF(UL94V-0)
TYPE: IR

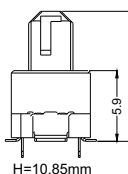
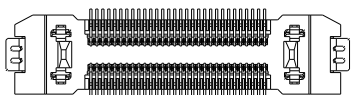
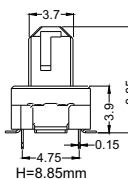
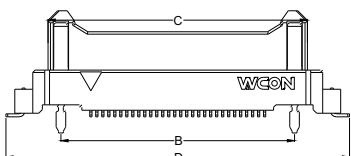
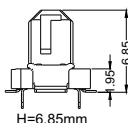
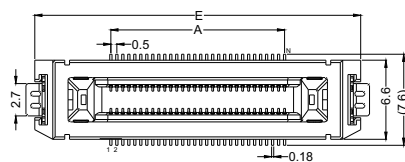


36F23-PMXXX-068GXR01W

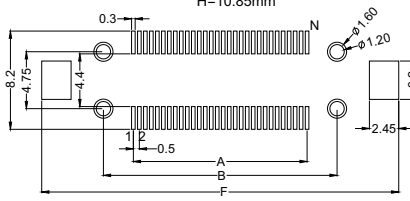


36F23-PMXXX-178GXR01W

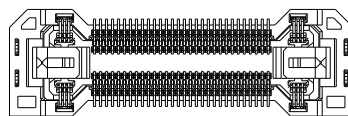
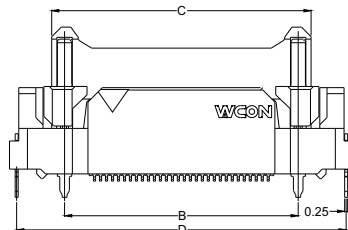
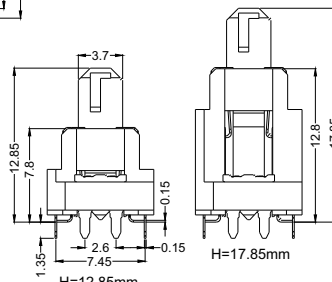
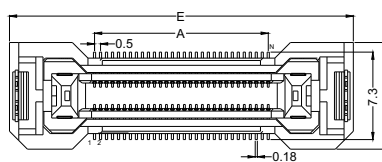
36F23 - P	X	XXX	-	XXX	XX	R	01	X
Board-Mounting M: S/T SMT Z: R/A SMT		Positions 20, 40, 60, 80, 100, 120	Insulator Height 068=6.85mm 088=8.85mm 108=10.85mm 128=12.85mm 178=17.85mm		Contact plating area G1=3u" Au G2=5u" Au	Packaging R: T & R+CAP		Options W: W/ Logo



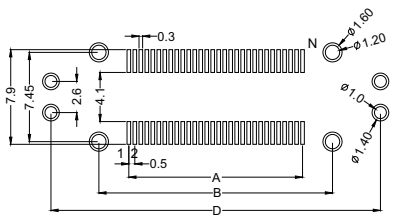
Pos	A	B	C	D	E	F
20	4.5	9.5	11.65	18.7	17.2	19.8
40	9.5	14.5	16.65	23.7	22.2	24.8
60	14.5	19.5	21.65	28.7	27.2	29.8
80	19.5	24.5	26.65	33.7	32.2	34.8
100	24.5	29.5	31.65	38.7	37.2	39.8
120	29.5	34.5	36.65	43.7	42.2	44.8



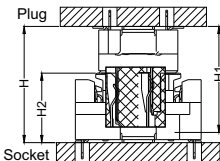
RECOMMENDED LAND PATTERN DIMENSION OF PCB



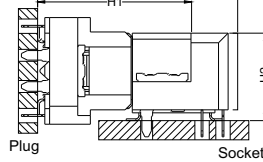
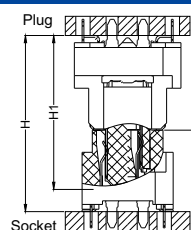
Pos	A	B	C	D	E
20	4.5	9.5	11.65	17.5	18.7
40	9.5	14.5	16.65	22.5	23.7
60	14.5	19.5	21.65	27.5	28.7
80	19.5	24.5	26.65	32.5	33.7
100	24.5	29.5	31.65	37.5	38.7
120	29.5	34.5	36.65	42.5	43.7



RECOMMENDED LAND PATTERN DIMENSION OF PCB



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



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



36F23 Series

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

SPECIFICATIONS

Current Rating: 0.5AMP
Contact Resistance: 70mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 150V AC
Operation Temperature: -55°C to +105°C
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

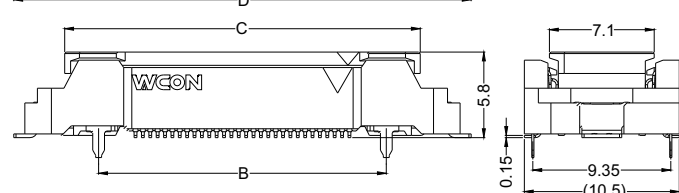
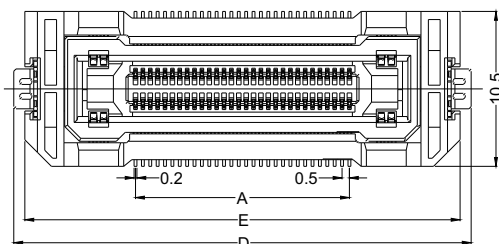
R

Packaging
R:T & R+CAP

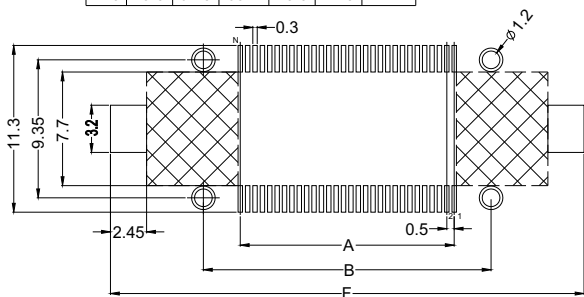
01

X

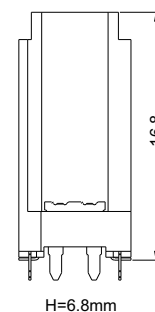
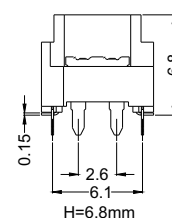
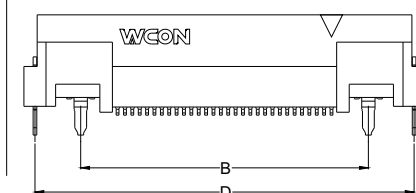
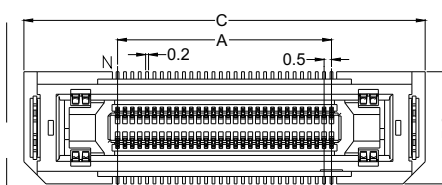
Options
W:W/ Logo



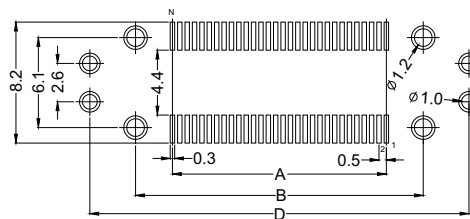
Pos	A	B	C	D	E	F
20	4.5	9.5	14.1	21.0	19.5	22.1
40	9.5	14.5	19.1	26.0	24.5	27.1
60	14.5	19.5	24.1	31.0	29.5	32.1
80	19.5	24.5	29.1	36.0	34.5	37.1
100	24.5	29.5	34.1	41.0	39.5	42.1
120	29.5	34.5	39.1	46.0	44.5	47.1



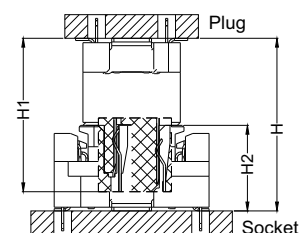
RECOMMENDED LAND PATTERN DIMENSION OF PCB



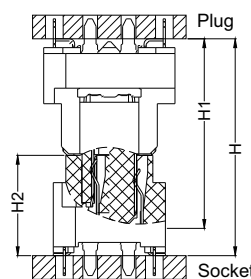
Pos	A	B	C	D
20	4.5	9.5	17.2	15.7
40	9.5	14.5	22.2	20.7
60	14.5	19.5	27.2	25.7
80	19.5	24.5	32.2	30.7
100	24.5	29.5	37.2	35.7
120	29.5	34.5	42.2	40.7



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	
30.0	17.85	16.8

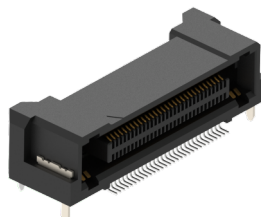


36F23 Series

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

SPECIFICATIONS

Current Rating: 0.5AMP
Contact Resistance: 70mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 150V AC
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

Board-Mounting
Z: R/A SMT

XXX

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

- XXX

Insulator Height
073=7.3mm

XX

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

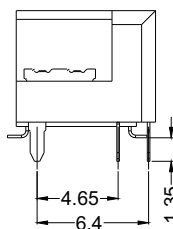
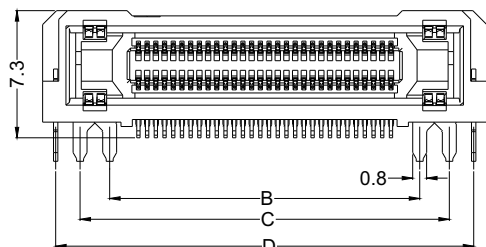
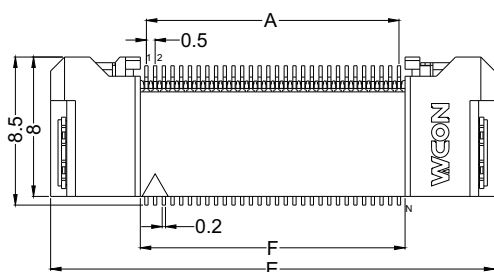
R

Packaging
R: T & R+CAP

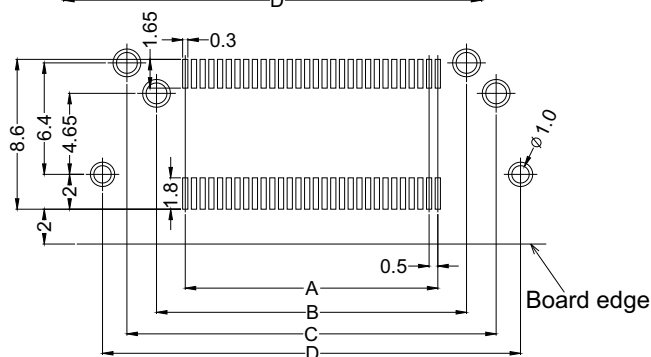
01

X

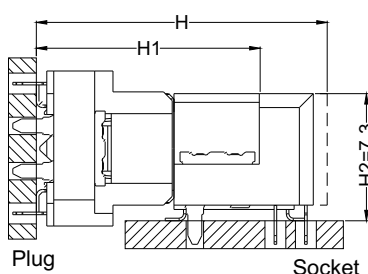
Options
W: W/ Logo



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

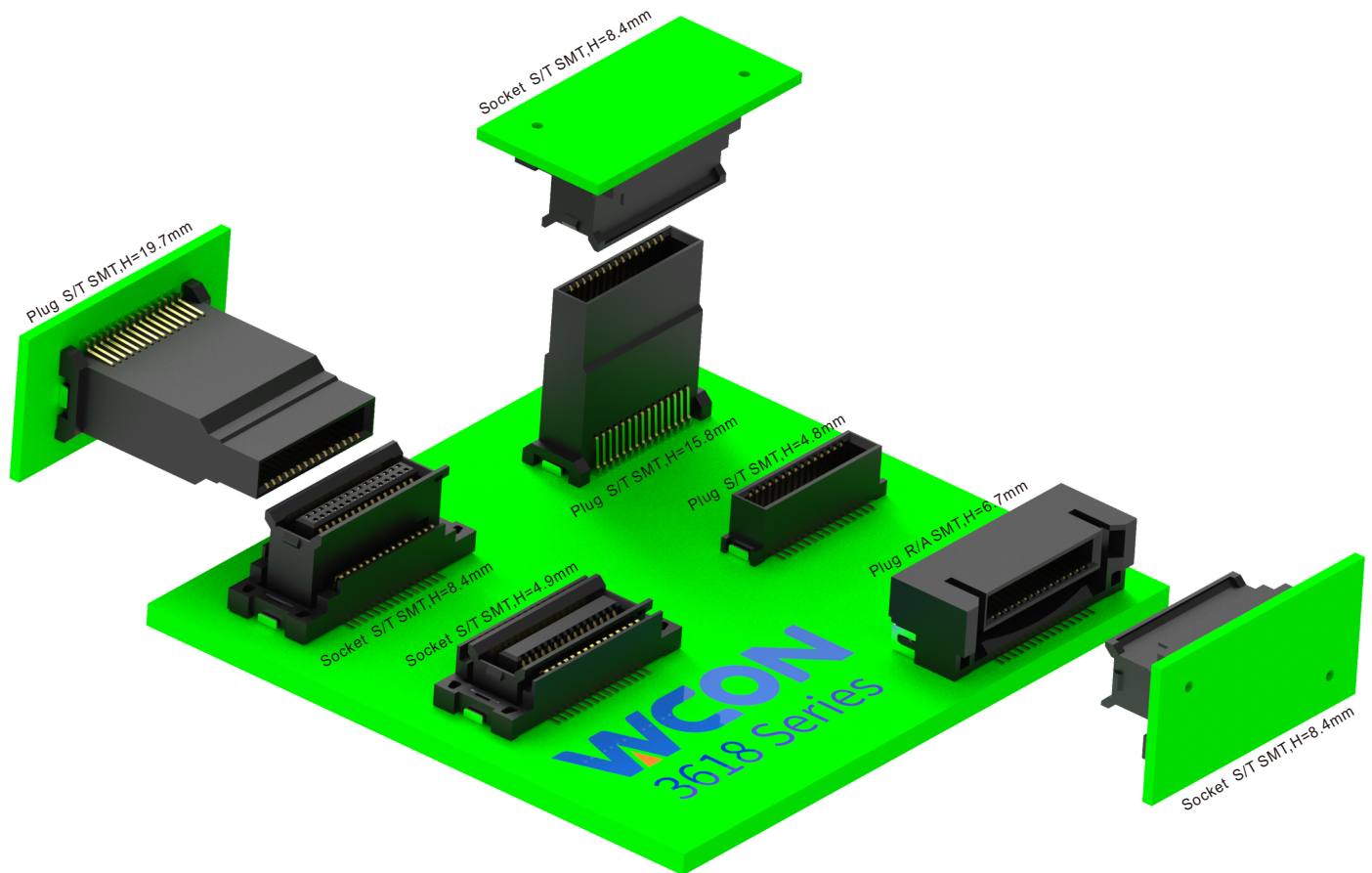


RECOMMENDED LAND PATTERN DIMENSION OF PCB

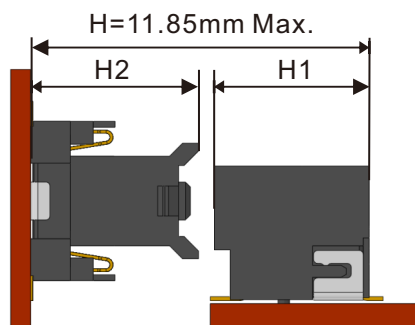


Stack Height (H)	Socket Height H2	Plug Height H1
16.7	7.3	12.85
21.7		17.85

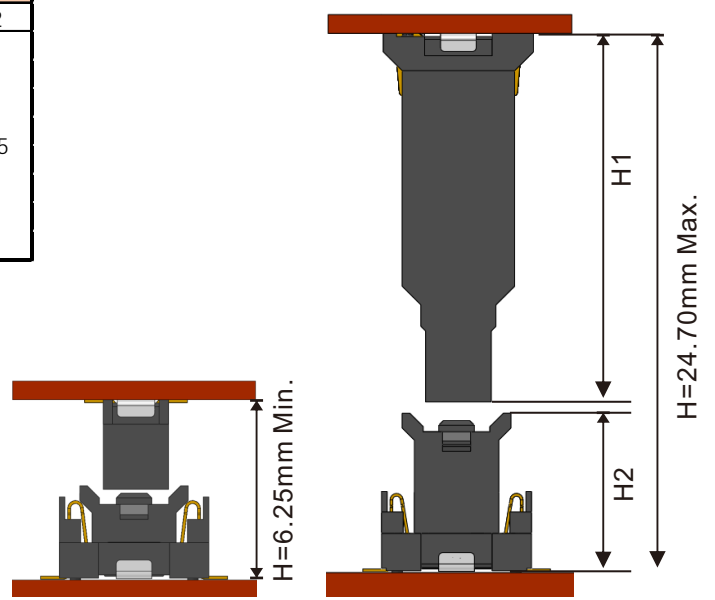
Board-Mounting
 S/T SMT: Vertical SMT
 R/A SMT: Horizontal SMT



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



Vertical Assembly



Parallel Assembly

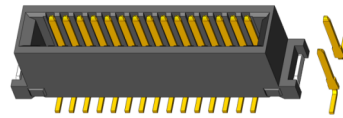


3618 Series

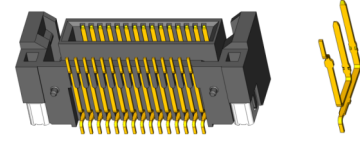
Board to Board, Floating, 0.80mm (0.032"), Plug

SPECIFICATIONS

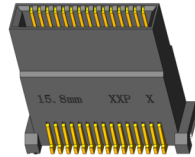
Current Rating: 0.5AMP
Contact Resistance: 100mΩ Max
Insulation Resistance: 500MΩ Min
Withstand Voltage: 250V AC/Minute
Operation Temperature: -40°C to +105°C
Contact Material: Copper Alloy
Contact plating: Au over Ni
Standard: LCP+30%GF (UL94V-0)
TYPE: IR



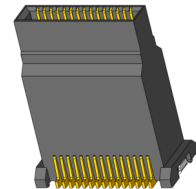
3618-PXXX-048MXXR01/2



3618-PXXX-067ZXXR01/2



3618-PXXX-158MXXR01/2



3618-PXXX-197MXXR01/2

3618 - P XXX - XXX

P: Plug

Positions

30, 40, 50, 60, 70, 80,
90, 100, 110, 120

Insulator Height

048=4.80mm 068=6.80mm
078=7.80mm 109=10.95mm
130=13.05mm 145=14.55mm
158=15.80mm 197=19.75mm
067=6.70mm

X

Board-Mounting

M: S/T SMT
Z: R/A SMT

XX

Contact plating area

G1=3u"Au
G3=10u"Au

R

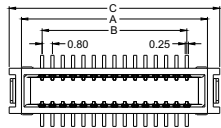
Packaging

T=Tube
P=Tube+CAP
R: Tape & Reel+CAP

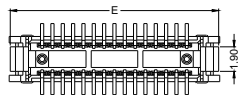
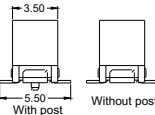
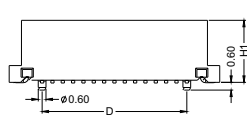
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Options

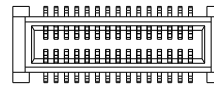
01: W/ Post
02: W/O Post



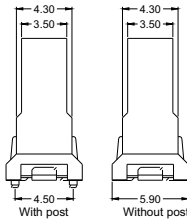
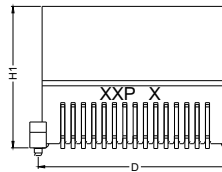
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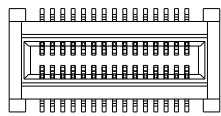
Pos	A	B	C	D	E	Plug Height (H1)		
						4.80	6.80	7.80
30	14.4	11.2	16.3	11.2	16.1			✓
40	18.4	15.2	20.3	15.2	20.1	✓	✓	✓
50	22.4	19.2	24.3	19.2	24.1			
60	26.4	23.2	28.3	23.2	28.1			
70	30.4	27.2	32.3	27.2	32.1			
80	34.4	31.2	36.3	31.2	36.1	✓	✓	
100	42.4	39.2	44.3	39.2	44.1		✓	✓



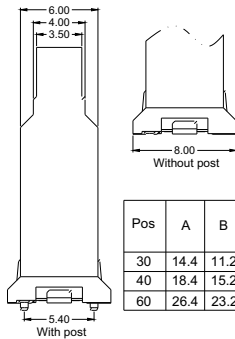
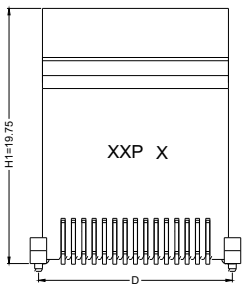
3618-PXXX-XXXMXXR01/2



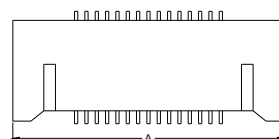
Pos	A	B	C	D	E	Plug Height (H1)			
						10.95	13.05	14.55	15.8
30	14.4	11.2	16.3	15.0	16.16				✓
40	18.4	15.2	20.3	19.0	20.16	✓			
50	22.4	19.2	24.3	23.0	24.16				
60	26.4	23.2	28.3	27.0	28.16				
80	34.4	31.2	36.3	35.0	36.16			✓	
100	41.0	43.0	44.3	41.54	39.2		✓		



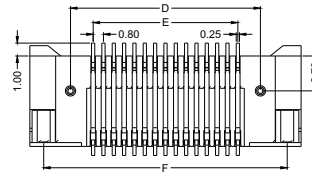
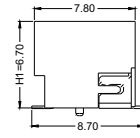
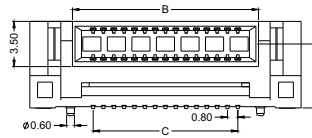
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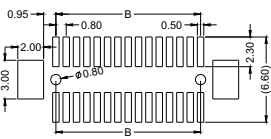
Pos	A	B	C	D	E	Plug Height (H1)	
						19.75	
30	14.4	11.2	16.3	15.0	16.16		✓
40	18.4	15.2	20.3	19.0	20.16		
60	26.4	23.2	28.3	27.0	28.16		



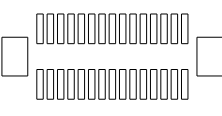
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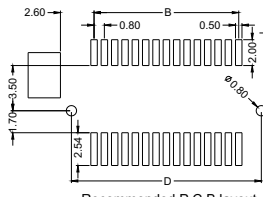
Pos	A	B	C	D	E	F	Plug Height (H1)	
							(H1)	(H2)
30	21.0	14.4	11.2	14.7	11.2	18.85		
40	25.0	18.4	15.2	20.7	15.2	22.85	✓	
50	29.0	22.4	19.2	24.7	19.2	26.85		
60	33.0	26.4	23.2	28.7	23.2	30.85		
80	41.0	34.4	31.2	36.7	31.2	38.85	✓	



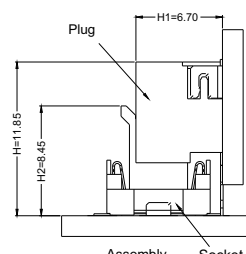
Recommended P.C.B layout W/T Post



Recommended P.C.B layout W/O Post



Recommended P.C.B layout



Assembly Socket

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

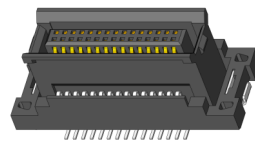


3618 Series

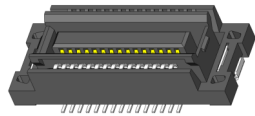
Board to Board, Floating, 0.80mm (0.032"), Socket

SPECIFICATIONS

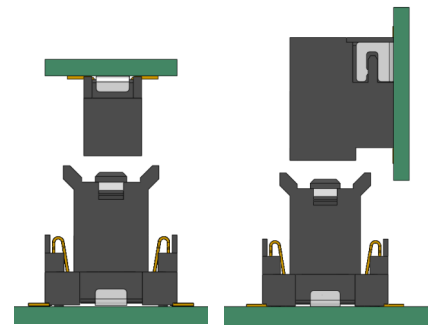
Current Rating: 0.5AMP
Contact Resistance: 100mΩ Max
Insulation Resistance: 500MΩ Min
Withstand Voltage: 250V AC/Minute
Operation Temperature: -40°C to +105°C
Contact Material: Copper Alloy
Contact plating: Au or Sn over Ni
Standard: LCP+30%GF (UL94V-0)
TYPE: IR



3618-SXXX-084MXXR01/2

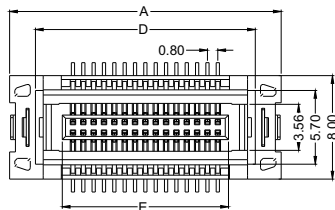


3618-SXXX-049XSXR01

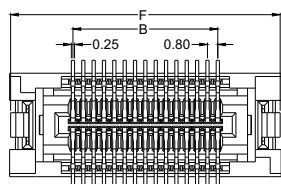
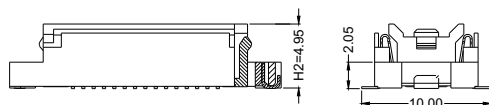


Assembly

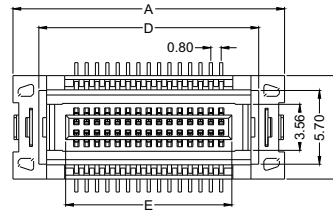
3618 - S	XXX	-	XXX	M	XX	R	0X
S:Socket	Positions 30,40,50,60,70,80, 90,100,110,120		Insulator Height 049=4.95mm 084=8.45mm	Board-Mounting M:S/T SMT	Contact plating area S1=3u"Au/Tin S3=10u"Au/Tin	Packaging T=Tube P=Tube+CAP R:Tape & Reel+CAP	Options 01:W/ Post 02:W/O Post



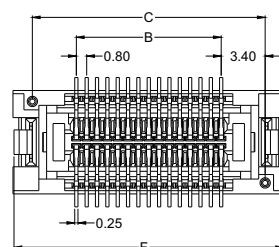
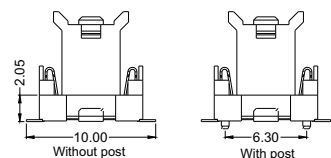
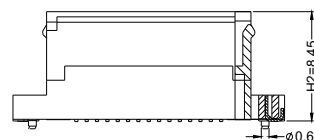
3618-SXXX-049MXXR02



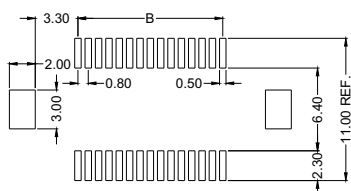
Pos	A	B	C	D	E	F	Socket Height (H2)
30	21.0	11.2	18.0	15.8	12.8	20.8	✓
40	25.0	15.2	22.0	19.8	16.8	24.8	✓
50	29.0	19.2	26.0	23.8	20.8	28.8	✓
60	33.0	23.2	30.0	27.8	24.8	32.8	✓
70	37.0	27.2	34.0	31.8	28.8	36.8	✓
80	41.0	31.2	38.0	35.8	32.8	40.8	✓



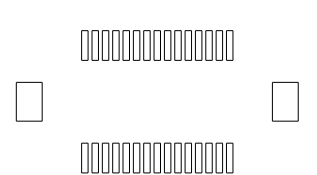
3618-SXXX-084MXXR01/2



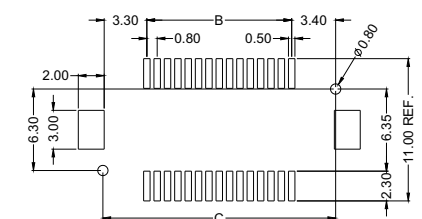
Pos	A	B	C	D	E	F	Socket Height (H2)
30	21.0	11.2	18.0	15.8	12.8	20.8	✓
40	25.0	15.2	22.0	19.8	16.8	24.8	✓
50	29.0	19.2	26.0	23.8	20.8	28.8	✓
60	33.0	23.2	30.0	27.8	24.8	32.8	✓
70	37.0	27.2	34.0	31.8	28.8	36.8	✓
80	41.0	31.2	38.0	35.8	32.8	40.8	✓
90	45.0	35.2	42.0	39.8	36.8	44.8	✓
100	49.0	39.2	46.0	43.8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



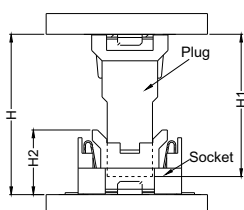
Recommended P.C.B layout



Recommended P.C.B layout W/O post

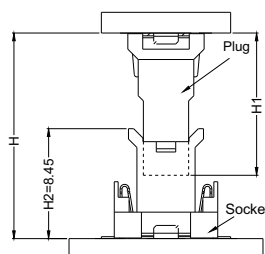


Recommended P.C.B layout W/T post



Socket 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



Socket 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