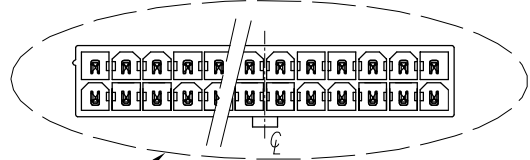


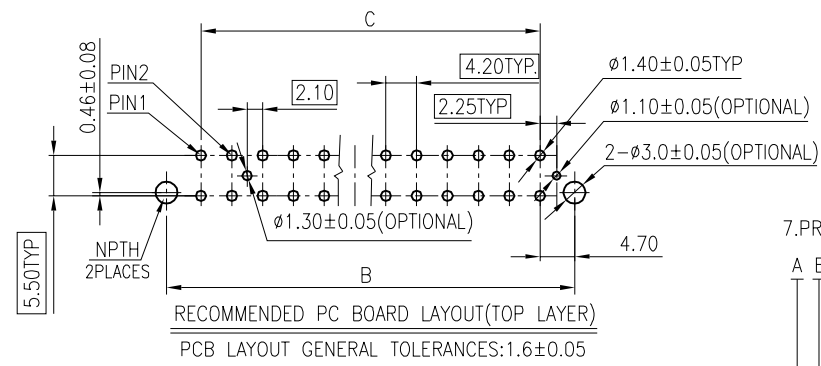
REV.	ECN NO./DESCRIPTION	DATE
14	N130814	11/14'13
15	N140453	08/14'14
16	N150670	01/12'16

F

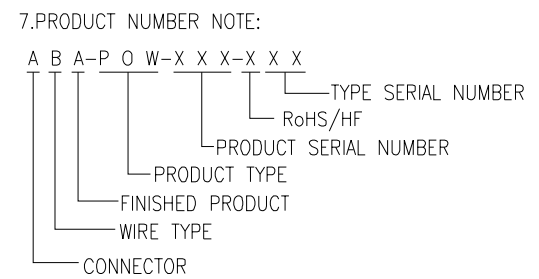
F



WITHOUT POST

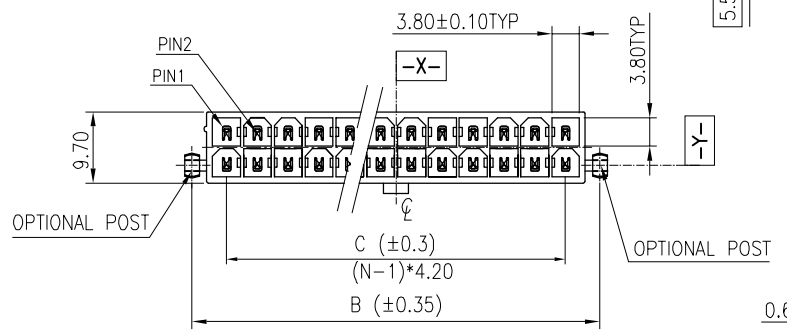


RECOMMENDED PC BOARD LAYOUT (TOP LAYER)
PCB LAYOUT GENERAL TOLERANCES: 1.6±0.05



E

E

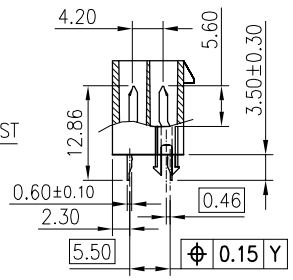


OPTIONAL POST

OPTIONAL POST

D

D

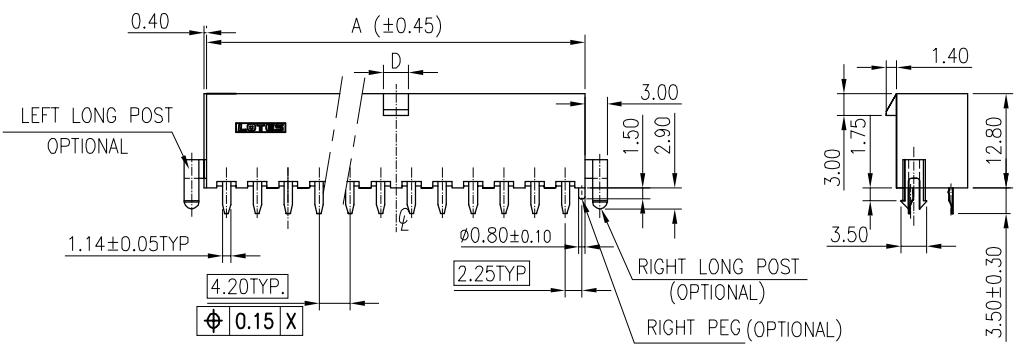


- NOTES:
- MATERIAL:
 - 1.1: HOUSING: SEE TABLE
 - 1.2: COLOR: SEE TABLE
 - 1.3: CONTACT: BRASS C2680
 - PLATING SPECIFICATION:
 - 2.1: 50μ MIN NICKEL UNDER PLATING
100μ MIN MATTE TIN PLATING OVER ALL
 - 2.2: 50μ MIN NICKEL UNDER PLATING
1~3μ GOLD PLATING OVER ALL
 - 2.3: 50μ MIN NICKEL UNDER PLATED
15μ GOLD PLATING ON CONTACT AREA
100μ MIN MATTE TIN PLATING ON SOLDEAR AREA
 - ELECTRICAL CHARACTERISTICS
 - 3.1: CONTACT CURRENT RATING: 9A
 - 3.2: CONTACT RESISTANCE: 20mΩ MAX
 - 3.3: DIELECTRIC WITHSTANDING VOLTAGE: 500VAC
 - 3.4: INSULATION RESISTANCE: 1000MΩ MIN
 - 3.5: TEMPERATURE RATING: -40°C + 105°C
 - MECHANICAL CHARACTERISTICS
 - 4.1: TERMINAL RETENTION FORCE: 1.0kgf/pin MIN
 - 4.2: MATING FORCE: 0.7kgf (MAX)/pin.
 - 4.3: UNMATING FORCE: 0.2kgf (MIN)/pin.
 - WAVE SOLDERING:
 - 5.1: THE CONNECTOR SHALL BE MOUNTED ON THE PCB, THE TEMPERATURE OF THE SOLDER SHALL BE 260±5°C AND IMMERSION DURATION : 3~5 SECONDS.
 - RoHS OR HF COMPLIANT: SEE TABLE

24	51.6	55.6	46.20
22	47.4	51.4	42.00
20	43.2	47.2	37.80
18	39.0	43.0	33.60
16	34.8	38.8	29.40
14	30.6	34.6	25.20
12	26.4	30.4	21.00
10	22.2	26.2	16.80
8	18.0	22.0	12.60
6	13.8	17.8	8.40
4	9.6	13.6	4.20
CIRCUIT SIZE	DIM: A	DIM: B	DIM: C

C

C



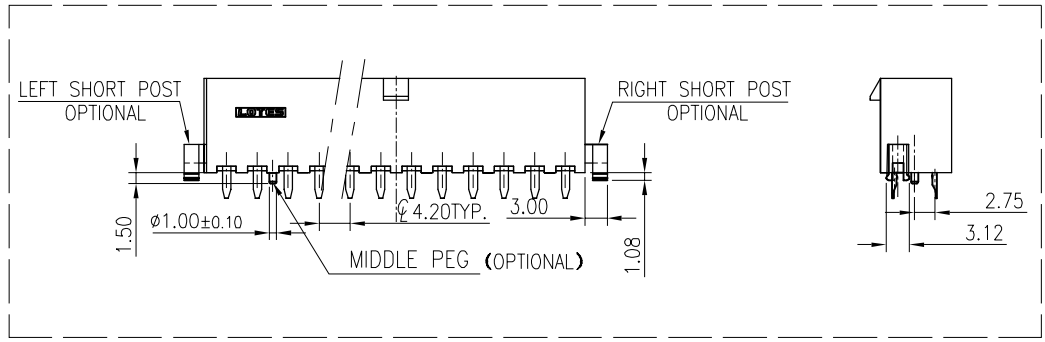
LEFT LONG POST
OPTIONAL

RIGHT LONG POST
(OPTIONAL)

RIGHT PEG (OPTIONAL)

B

B



LEFT SHORT POST
OPTIONAL

RIGHT SHORT POST
OPTIONAL

MIDDLE PEG (OPTIONAL)

A

A

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	<div style="text-align: center; font-size: 24pt; font-weight: bold;">LOTES</div>			
X± 0.35	X°± 3°					SEE TABLE
.XX± 0.25	.X°± 2°	APPROVED BY Jie_Liao	TITLE POWER CONNECTOR (180°)			
.XXX± 0.15	.XX°± 1°	CHECKED BY Yong_Liu	DWG NO. GAP-ABA-POW-K13			
SIZE	UNITS	DRAWN BY Guoqiang_Luo		SHEET	SCALE	REV
A4	mm [INCH]			1 / 2	1 : 1	16

	1	2	3	4	5	6	7	8	
F									
E									
D									
	PART NO.	2*N PIN	DIM: D	PLATING	POST OPTION	MATERIAL HOUSING	COLOR	FLAME CLASS	RoHS OR HF
C	ABA-POW-003-K76	2*2	3.4	SEE NOTES 2.1	NONE	PA66	BLACK	UL94-V0	RoHS
B									
A									
	1	2	3	4	5	6	7	8	

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