



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

7.PRODUCT NUMBER NOTE:

A B A-P O W-X X X-X X X

TYPE SERIAL NUMBER
RoHS/HF
PRODUCT SERIAL NUMBER
PRODUCT TYPE
FINISHED PRODUCT
WIRE TYPE
CONNECTOR

- NOTES:
- MATERIAL:
 - HOUSING: SEE TABLE
 - COLOR:SEE TABLE
 - CONTACT:BRASS C2680
 - PLATING SPECIFICATION:
 - 50 μ MIN NICKEL UNDER PLATING
100 μ MIN MATTE TIN PLATING OVER ALL
 - 50 μ MIN NICKEL UNDER PLATING
1~3 μ GOLD PLATING OVER ALL
 - 50 μ MIN NICKEL UNDER PLATED
15 μ GOLD PLATING ON CONTACT AREA
100 μ MIN MATTE TIN PLATING ON SOLDEAR AREA
 - ELECTRICAL CHARACTERISTICS
 - CONTACT CURRENT RATING: 9A
 - CONTACT RESISTANCE:20m Ω MAX
 - DIELECTRIC WITHSTANDING VOLTAGE:500VAC
 - INSULATION RESISTANCE:1000M Ω MIN
 - TEMPERATURE RATING:-40 $^{\circ}$ c+105 $^{\circ}$ c
 - MECHANICAL CHARACTERISTICS
 - TERMINAL RETENTION FORCE :1.0kgf/pin MIN
 - MATING FORCE:0.7kgf(MAX)/pin.
 - UNMATING FORCE:0.2kgf(MIN)/pin.
 - WAVE SOLDERING:
 - THE CONNECTOR SHALL BE MOUNTED ON THE PCB ,THE TEMPERATURE OF THE SOLDER SHALL BE 260 \pm 5 $^{\circ}$ 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

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	SEE TABLE	LOTES		
X \pm 0.35	X $^{\circ}$ \pm 3 $^{\circ}$					
.XX \pm 0.25	.X $^{\circ}$ \pm 2 $^{\circ}$					
.XXX \pm 0.15	.XX $^{\circ}$ \pm 1 $^{\circ}$					
CUSTOMER DRAWING		CHECKED BY Yong_Liu	DWG NO. GAP-ABA-POW-K13			
SIZE	UNITS					DRAWN BY Guoqiang_Luo
A4	mm[INCH]					

1	2	3	4	5	6	7	8	
F								F
E								E
D								D
C								C
B								B
A								A
1	2	3	4	5	6	7	8	

PART NO.	2*N PIN	DIM: D	PLATING	POST OPTION	MATERIAL HOUSING	COLOR	FLAME CLASS	RoHS OR HF
ABA-POW-003-K76	2*2	3.4	SEE NOTES 2.1	NONE	PA66	BLACK	UL94-V0	RoHS