

Panel Potentiometer

Model P08x Series



Features:

- 8 mm square
- Dust proof
- Detent option
- 100,000 cycle life
- Rotary switch option
- Multiple gangs available

RoHS 2
compliant



Model Styles Available

Side Adjust, Potentiometer Module (Up to 4 gangs)	P08xN
Side Adjust, Potentiometer with Rotary Switch Module (Up to 4 gangs)	P08xS
Side Adjust, Potentiometer with Dual Shaft Module (2 or 4 gang)	P08xD
Side Adjust, Potentiometer with Dual Shaft and Rotary Switch Module (2 or 4 gang)	P08xE

Electrical

Resistance Range, Ohms	500 -1M (for "B" taper) 1K-1M (for other tapers)
Standard Resistance Tolerance	± 20%
Residual Resistance, Maximum	50 ohms
Input Voltage, Maximum	50 Vac
Power rating, Watts	0.05W- B taper, 0.025W- others
Dielectric Strength	300Vac, sea level
Insulation Resistance, Minimum	100 Megohms
Gang Error (Multi-ganged), Maximum	+/-3 dB (-40 dB to 0dB)
Actual Electrical Travel, Nominal	With Switch = 230° Without Switch =270°
Switch Contact Resistance, Maximum	100 milliohms max.
Switch Power Rated	3.0A at 16Vdc

Mechanical

Total Mechanical Travel	300°± 10°
Static Stop Strength	42 oz-in
Rotational Torque, Maximum	0.7 oz-in (0.2 oz-in each additional gang)
Switch Detent,	1.0 oz-in
Switch Travel angle	50°

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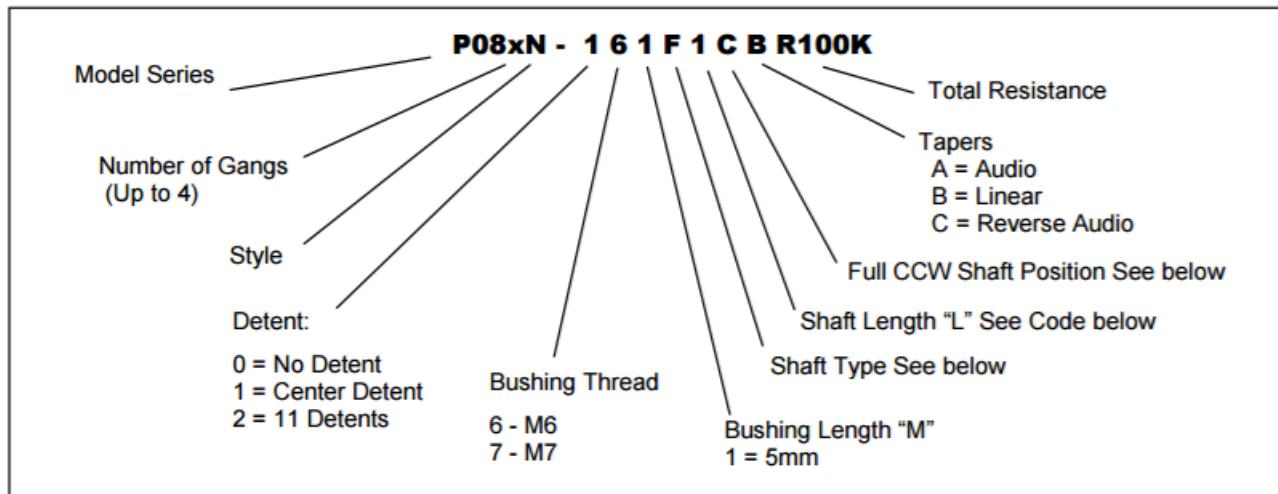


Environmental

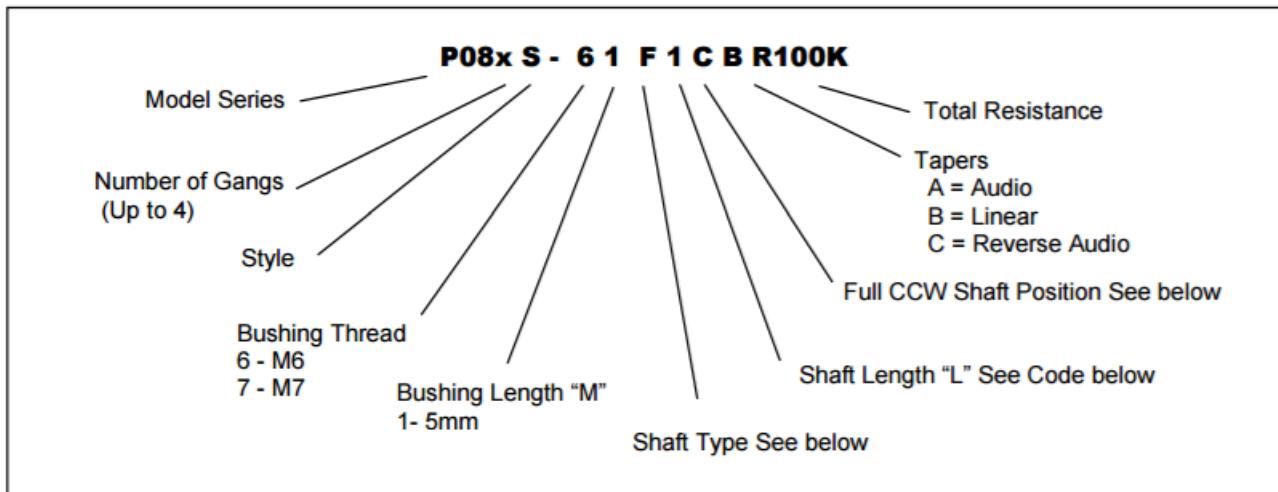
Operating Temperature Range	-55°C to +125°C
Rotational Life	Switch = 30,000 cycles Potentiometer = 100,000 cycles
IP Rating	Dust Proof = IP50

Ordering

P08xN - POTENTIOMETER MODULE



P08xS - POTENTIOMETER WITH ROTARY SWITCH MODULE



General Note
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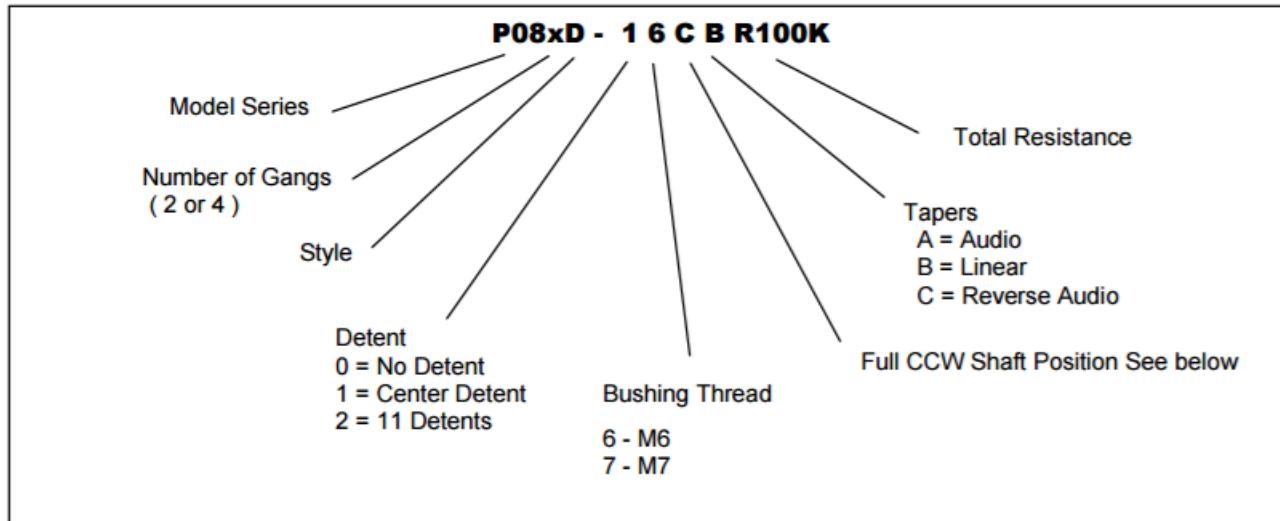
Issue B 04/2019 Page 2

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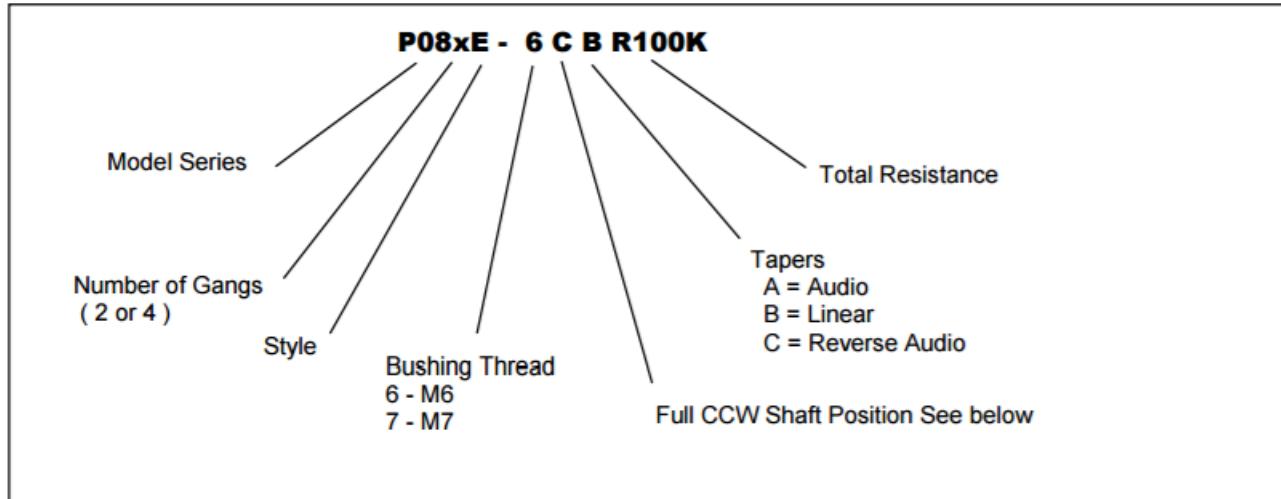
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P08xD - POTENTIOMETER WITH DUAL SHAFT MODULE



P08xE - POTENTIOMETER WITH DUAL SHAFT AND ROTARY SWITCH MODULE



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Issue B 04/2019 Page 3

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Shaft Length "L" Code – For Models P08xN and P08xS only

S - TYPE

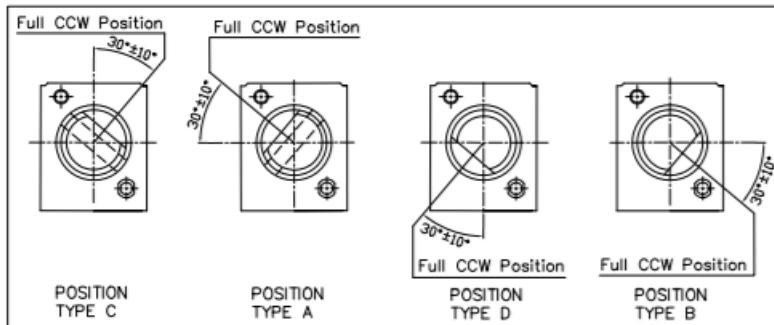
CODE	1	2	3	4	5
L	10	12	15	20	25

F - TYPE

CODE	1	2	3	4	5
L	10	15	15	20	25
F	4	7	8	10	12

Shaft Position (F-Type Shaft)

Dashed lines on Type "C" and Type "A" shows position of adjustment slot for S-Type



STANDARD RESISTANCE VALUES, OHMS

500	1K	2K	5K	10K	20K	50K	100K	200K	500K	1MEG
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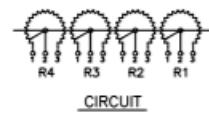
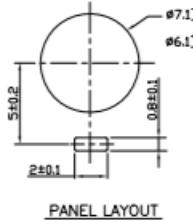
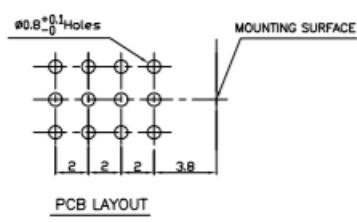
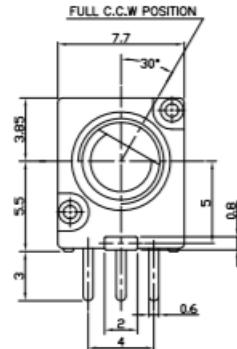
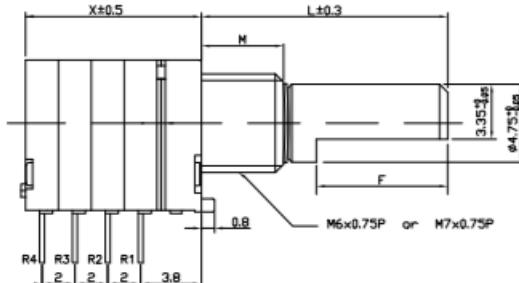
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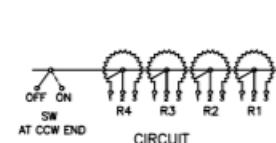
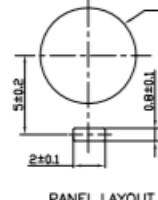
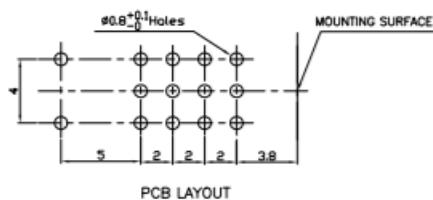
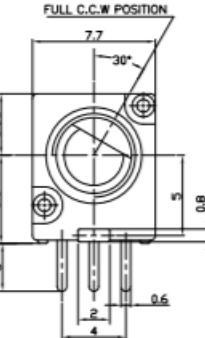
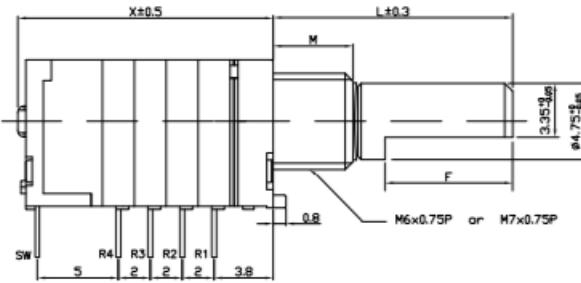
P08xN - POTENTIOMETER MODULE

NUMBER OF GANGS	1	2	3	4
X	5	7	9	11



P08xS - POTENTIOMETER WITH ROTARY SWITCH MODULE

NUMBER OF GANGS	1	2	3	4
X	10	12	14	16



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Issue B 04/2019 Page 5

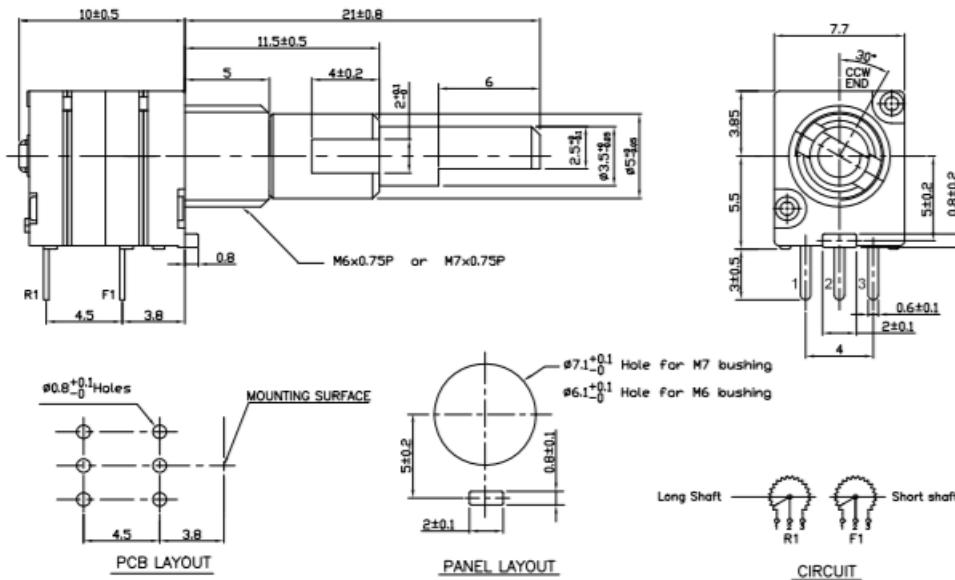
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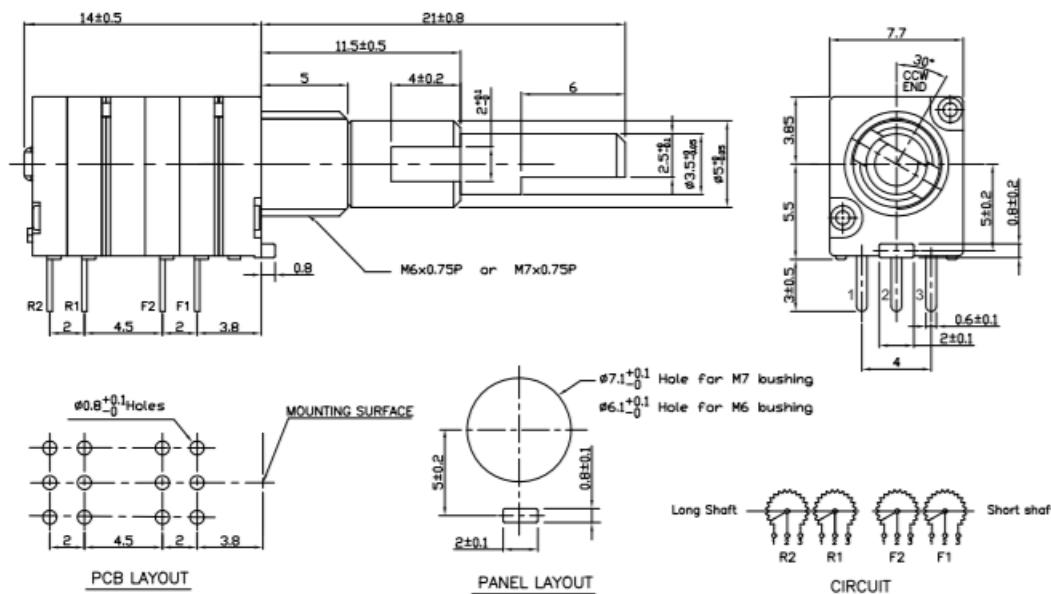


P08xD - POTENTIOMETER WITH DUAL SHAFT MODULE

2 GANG



4 GANG



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Issue B 04/2019 Page 6

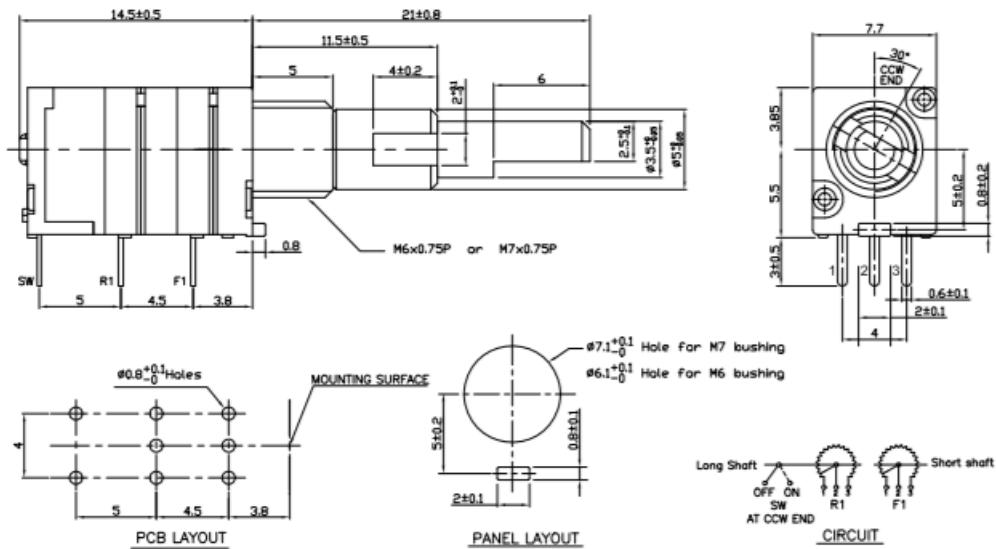
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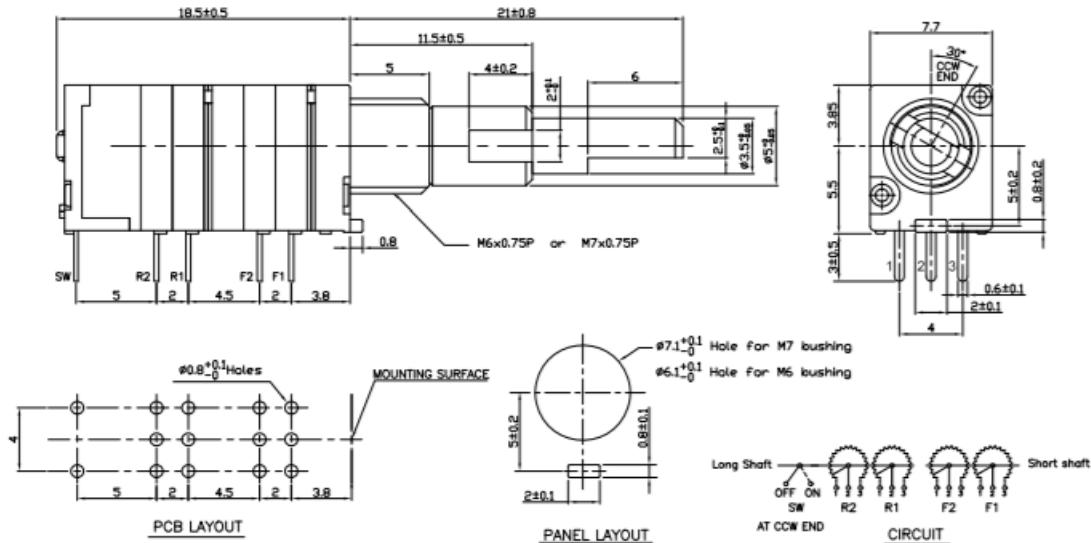


P08xE - POTENTIOMETER WITH DUAL SHAFT AND ROTARY SWITCH MODULE

2 GANG



4 GANG



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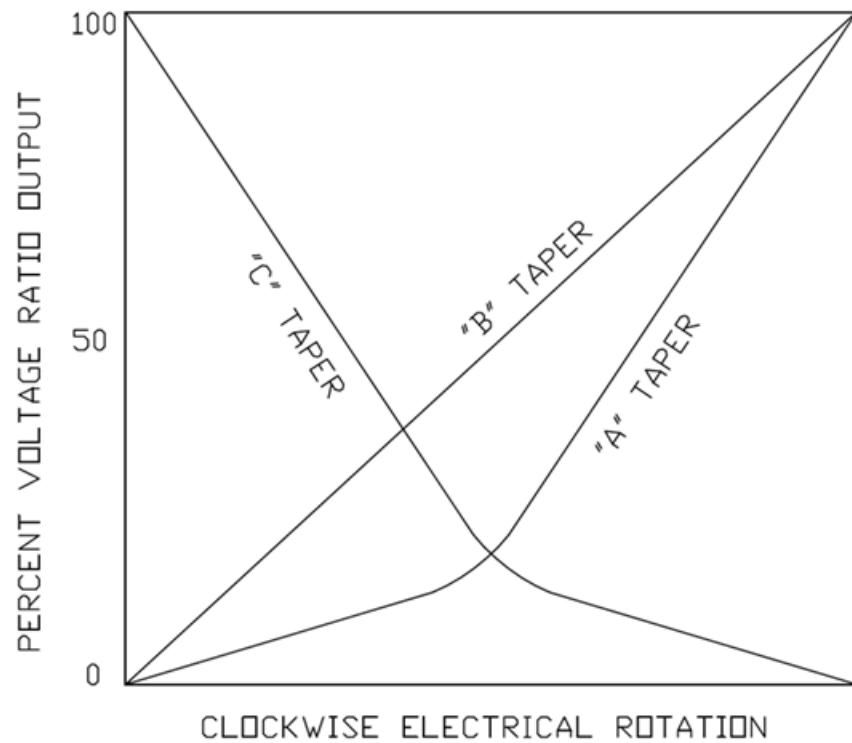
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Issue B 04/2019 Page 7

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Issue B 04/2019 Page 8

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