

WALSIN TECHNOLOGY CORPORATION

Change Notification

CN No.: CN-R240203	<input type="checkbox"/> Material	<input type="checkbox"/> Process				
	<input type="checkbox"/> Specification	<input checked="" type="checkbox"/> Others				
Subject : Low Ohm series E.O.L announcement.						
Reasons : Will stop offer Low ohm WW06E~WW12E series below 100 mΩ and higher 910 mΩ range, because the raw material Pd & Ag price impact, lead the product lost the market advantage.						
Contents(Before/After):						
1. Chip-R thick film low ohm , below 0.1Ω & over 0.91Ω products services will be discontinued with effect from 1 st January 2025.						
EOL Product P/N and Resistance range WW12E, 0.01~ <0.1Ω & >0.91~0.976Ω WW08E, 0.01~ <0.1Ω & >0.91~0.976Ω WW06E, 0.01~ <0.1Ω & >0.91~0.976Ω						
2. The following quality characteristic comparison for new product for ordering conversion reference:						
(1) Electrical property: The electrical property of substitutions meets the specification or better than the specification of the original products.						
(2) Products visual appearance: No significant difference on application soldering even there are slightly alike on visual appearance and termination dimension.						
(3) Environmentally hazardous substance: The material composition of the substitutions meets RoHS specification and Pb exemption free.						
WW12E <R100 & >R910 EOL:						
Size	1206					
Description	Original (ASC_WWxxE_V03)	Change	Description	Recommendation		
Series	WW12E	WW12E	Series	WW12W	WW12W_GN, GL, GJ, GH	
Resistance	0.010Ω~0.976Ω	0.10Ω~0.910Ω	Resistance	0.010Ω~0.910Ω	0.010Ω~0.910Ω	
Tolerance (%)	5%/1%		Tolerance (%)	5%/1%		
TCR level	<R100 & >R910 EOL	TCR	TCR	TCR level	TCR	PN#15 TCR code
>0.910~0.976	EOL	200				
0.510~0.910		200	0.500Ω~ 0.910Ω	100	100	N
0.365~0.500		300	0.100Ω~ 0.490Ω			
0.100~0.360		600	0.050Ω~ 0.091Ω			
0.048~0.091	EOL	1000	0.040Ω~ 0.047Ω	100	100	N
0.019~0.047	EOL	1200	0.022Ω~ 0.039Ω	200	200	L
0.010~0.018	EOL	1500	0.010Ω~ 0.020Ω	600	600	J
0.010~0.018	EOL	1500	0.010Ω~ 0.020Ω	1000	1000	H
Power (Watt)	1/2W		Power (Watt)	1/3W	3/4W (PN#14 Power code: G)	
Part number example	WW12ER013FTL WW12ER050FTL	WW12ER100FTL	Part number example	WW12WR013FTL WW12WR050FTL WW12WR100FTL	WW12WR013FTL GH WW12WR050FTL GN WW12WR100FTL GN	

WW08E <R100 >R910 EOL:

Size	0805						
Description	Original (ASC_WWxxE_V03)		Change	Description	Change		
Series	WW08E		WW08E	Series	WW08W	WW08W_FN_FL_FK_FJ_FH	
Resistance	0.010Ω~0.976Ω		0.10Ω~0.910Ω	Resistance	0.010Ω~0.910Ω	0.010Ω~0.910Ω	
Tolerance (%)	5%/1%		5%/1%	Tolerance (%)	5%/1%	5%/1%	
TCR level	<R100 & >R910 EOL	TCR	TCR	TCR level	TCR	TCR	PN#15 TCR code
>0.91~0.976	EOL	200					
0.51~0.910		200	200	0.500Ω~ 0.910Ω			
0.365~0.05		300	300	0.100Ω~ 0.490Ω	100	100	N
0.100~0.360		600	600				
0.048~0.091	EOL	1000		0.050Ω~ 0.091Ω	200	200	L
0.019~0.047	EOL	1200		0.040Ω~ 0.047Ω	400	400	K
				0.022Ω~ 0.039Ω	600	600	J
0.010~0.018	EOL	1500		0.010Ω~ 0.020Ω	1000	1000	H
Power (Watt)	1/4W		1/4W	Power (Watt)	1/4W	1/2W (PN#14 Power code: F)	
Part number example	WW08ER047FTL		WW08ER100FTL	Part number example	WW08WR047FTL	WW08WR047FTL FK	

WW06E <R100 >R910 EOL:

Size	0603						
Description	Original (ASC_WWxxE_V03)		Change	Description	Change		
Series	WW06E		WW06E	Series	WW06W	WW06W	
Resistance	0.010Ω~0.976Ω		0.10Ω~0.910Ω	Resistance	0.050~0.0910Ω	0.050~0.0910Ω	
Tolerance (%)	5%/1%		5%/1%	Tolerance (%)	5%/1%	5%/1%	
TCR level	<R100 & >R910 EOL	TCR	TCR	TCR level	TCR	TCR	PN#15 TCR code
>0.91~0.976	EOL	300					
0.511~0.910		300	300	0.500Ω~ 0.910Ω			
0.100~0.500		800	800	0.100Ω~ 0.490Ω	200	200	L
0.037~0.091	EOL	1200		0.050Ω~ 0.091Ω	400	400	K
0.010~0.036	EOL	2000					
Power (Watt)	1/10W		1/10W	Power (Watt)	1/8W	1/4W (PN#14 Power code: D)	
Part number example	WW06ER050FTL		WW06ER100FTL	Part number example	WW06WR050FTL	WW06WR050FTL DK	

Description :

Quality assessment report:

No quality effect and the related test data are available on customers' request.

Effective Date: January 1, 2025

Prepared by : Richard Weng

Issued By: Eason Huang/Johnny Yang/YK Chen

To : Customer : All

cc : WTC Q&R : Jay Huang

WTC Sales : All

Feedback by Customer :

Accept for all PN Parts

Accept for Own Brand PN of AVL, except OEM's PN of AVL

Reject, Reason:

(Please kindly feedback before 1st Aug. 2024 , otherwise the change will be effective since. 1st Jan. 2025)

(Please note the name of person in charge and autograph signed back is preferred.)