

Document Name	Specification of UM-1				
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## UM-1 SPECIFICATION

TYPE	Freq. Range ( MHz )	ESR ( Ω )	Mode	Freq. Tol. ( ppm )	TC ( Ref. @+25°C, ppm )
UM-1	10~60	30 max.	Fund.	☆ ±10 ( +25°C )	☆ ±10 ( -20~+70°C )
	40~180	50 max.	3 <sup>rd</sup>	☆ ±15 ( +25°C )	☆ ±15 ( -40~+85°C )
	75~180	70 max.	5 <sup>th</sup>	☆ ±20 ( +25°C )	☆ ±20 ( -40~+85°C )
UM-1 Inverted Mesa	60~199	20 max.	Fund.		
UM-5	10~60	30 max.	Fund.	☆ ±10 ( +25°C )	☆ ±10 ( -20~+70°C )
	40~180	50 max.	3 <sup>rd</sup>	☆ ±15 ( +25°C )	☆ ±15 ( -40~+85°C )
	75~180	70 max.	5 <sup>th</sup>	☆ ±20 ( +25°C )	☆ ±20 ( -40~+85°C )
UM-1 Inverted Mesa	60~199	20 max.	Fund.		
UM-1 SMD	10~60	30 max.	Fund.	☆ ±10 ( +25°C )	☆ ±10 ( -20~+70°C )
	40~180	50 max.	3 <sup>rd</sup>	☆ ±15 ( +25°C )	☆ ±15 ( -40~+85°C )
	75~180	70 max.	5 <sup>th</sup>	☆ ±20 ( +25°C )	☆ ±20 ( -40~+85°C )
UM-1 SMD Inverted Mesa	60~199	20 max.	Inverted Mesa		
UM-5 SMD	10~60	30 max.	Fund.	☆ ±10 ( +25°C )	☆ ±10 ( -20~+70°C )
	40~180	50 max.	3 <sup>rd</sup>	☆ ±15 ( +25°C )	☆ ±15 ( -40~+85°C )
	75~180	70 max.	5 <sup>th</sup>	☆ ±20 ( +25°C )	☆ ±20 ( -40~+85°C )
UM-1 SMD Inverted Mesa	60~199	20 max.	Inverted Mesa		



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