

The following is a list of standard manufacturing tolerances for products made by Emerson & Cuming Microwave Products, USA. When not otherwise specified on a Quotation, Print, or Purchase Order these tolerances will apply.

### Acceptance Criteria Table

Material	Thickness	Length & Width
<b>CPE, HiK, HiK500, HT0003, LoK, MF, MF500</b>		
Sheets	+0.020 / -0.00	+0.xxx / -0.00
Rods Diameter ≤ 0.25	±0.001	+0.xxx / -0.00
Rods Diameter > 0.25	+0.010 / -0.00	+0.xxx / -0.00
<b>SH</b>		
Sheets	+0.125 / -0.00	+0.xxx / -0.00
<b>0005</b>		
Sheets Thickness ≤ 0.0625	+0.005 / -0.00	+0.xxx / -0.00
Sheets 0.0625 < Thickness ≤ 0.25	+0.008 / -0.00	+0.xxx / -0.00
Sheets 0.25 < Thickness ≤ 0.375	+0.010 / -0.00	+0.xxx / -0.00
Sheets 0.375 < Thickness ≤ 0.75	+0.012 / -0.00	+0.xxx / -0.00
Sheets 0.75 < Thickness ≤ 2.00	+0.020 / -0.00	+0.xxx / -0.00
Sheets Thickness > 2.00	+0.25 / -0.00	+0.xxx / -0.00
Rods Diameter ≤ 0.625	±0.001	+0.xxx / -0.00
Rods 0.625 < Diameter ≤ 1.00	±0.002	+0.xxx / -0.00
Rods 1.001 < Diameter ≤ 2.25	+0.008 / -0.00	+0.xxx / -0.00
Rods Diameter > 2.25	+0.125 / -0.00	+0.xxx / -0.00
<b>BSR, DSF, FDS, FGM, FGMU, GDS, GDSU, LSV, MCS, MFS, SF, SFU, SV, SVR</b>		
Rolled to thickness:		
Sheets Thickness ≤ 0.105	±0.003	+0.125 / -0.00
Sheets 0.105 < Thickness < 0.175	+0.005 / -0.010	+0.125 / -0.00
Sheets Thickness ≥ 0.175	±0.020	+0.125 / -0.00
Exceptions:		
BSR, MFS 0.090 ≤ Thickness ≤ 0.105	±0.004	+0.125 / -0.00
SF, SFU All Thickness	+0.005/-0.010	+0.125 / -0.00
Machined/Sanded to thickness:		
Sheets All Thickness	±0.003	+0.125 / -0.00
With Tape:		
Rolled to thickness:		
Sheets Thickness ≤ 0.105	±0.005	+0.125 / -0.00
Sheets 0.105 < Thickness < 0.175	±0.010	+0.125 / -0.00
Sheets Thickness ≥ 0.175	±0.020	+0.125 / -0.00
Exceptions:		
BSR, MFS 0.090 ≤ Thickness ≤ 0.105	±0.006	+0.125 / -0.00
SF, SFU All Thickness	+0.008/-0.010	+0.125 / -0.00
Machined/Sanded to thickness:		
Sheets All Thickness	±0.003	+0.125 / -0.00
<b>AN, LS, QR</b>		
Sheets Thickness ≤ 0.25	±0.0625	+0.25 / -0.00
Sheets 0.25 < Thickness ≤ 1.00	±0.125	+0.25 / -0.00

Weight

≤ 100 gm	-0.0% / +20%
100 gm < Weight ≤ 1 lb (453.6 gm)	-0.0% / +10%
> 1 lb (453.6 gm)	-0.0% / +3%