

TAIYO YUDEN ****AEC-Q200**** Development Roadmap of MLCC (X5R / X7R Dielectric) ****AEC-Q200****

Case	Rated	103	153	223	473	104	224	474	105	225	475	106	226	476	107	227
Size	Voltage	10nF	15nF	22nF	47nF	100nF	220nF	470nF	1µF	2.2µF	4.7µF	10µF	22µF	47µF	100µF	220µF
105 (0402)	4							X7R		X5R	X5R	X5R				
	6.3					X7R	X7R	X7R	X5R	X5R	X5R					
	10				X7R	X7R	X7R	X5R	X5R	X5R						
	16	X7R		X7R	X7R	X7R	X7R	X5R	X5R							
	25	X7R		X7R	X7R	X7R		X5R								
	50	X7R		X7R	X7R	X7R										
107 (0603)	4											X5R	X5R			
	6.3						X5R	X5R	X7R	X7R	X5R	X5R				
	10						X7R	X7R	X7R	X5R	X5R	X5R				
	16				X7R	X7R	X7R	X7R	X7R	X5R	X5R					
	25			X7R	X7R	X7R	X7R	X7R	X7R	X5R						
	35			X5R	X7R	X7R	X7R	X7R	X7R							
	50	X7R		X7R	X7R	X7R	X5R	X5R	X5R							
100	X7R	X7R	X7R		X7R											
212 (0805)	4												X5R	X5R		
	6.3										X7R	X7R	X5R			
	10								X7R	X7R	X7R	X7R				
	16						X7R	X7R	X7R	X7R	X7R	X5R				
	25					X5R	X7R	X7R	X7R	X7R	X5R	X5R				
	35					X5R	X7R	X5R	X7R	X5R						
	50	X7R		X7R	X7R	X7R	X7R	X5R	X7R							
100	X7R	X7R	X7R	X7R	X7R	X7R										
316 (1206)	4												X7R	X7S	X5R	
	6.3										X5R	X7R	X7R	X5R	X5R	
	10										X7R	X7R	X5R			
	16									X7R	X7R	X7R	X5R			
	25								X7R	X7R	X7R	X7R				
	35								X7R	X7R	X7R	X5R				
	50				X7R	X7R	X7R	X7R	X7R	X7R	X7S					
100				X7R	X7R	X7R	X7R	X7R	X7S							
325 (1210)	4														X5R	X5R
	6.3												X7R	X7R	X5R	
	10											X7R	X7R	X5R		
	16										X7R	X7R	X7R			
	25									X5R	X7R	X7R	X7R			
	35									X7R	X7R	X7R				
	50								X7R	X7R	X7R	X7R				
100					X7R	X7R	X7R	X7R	X7R							

 → Items currently in mass-production
 → expected

Updated: 12.04.2017

X = -55°C 5 = +85°C 7 = +125°C R / S = über den spezifizierten Temperaturbereich von -55°C bis +85/+125°C ist eine Kapazitätsänderung von 15% / 22% erlaubt