



<b>Product Change</b>		<b>Process Change</b>	<b>Manufacturing Location Transfer</b>
			X
<b>Product Alert</b>		<b>Obsolescence</b>	<b>Introduction of 2nd Source Supply</b>
<b>Notification Date</b>	<b>Effective Date</b>	<b>Other</b>	
29/06/2015	04/01/2016		
<b>AVX Part Number / Series / Product:</b>			
All MLCC SMD components with COO UK			
<b>Customer Part Number / Series / Drawing:</b>			
available upon request			
<b>Material Identification:</b>		<b>Date Code / Lot Code:</b>	<b>Purchase Order Number</b>
<b>Shipment Date</b>	<b>Packing Slip</b>	<b>Quantity</b>	
		0	
<b>Description of Change / Notice</b>			
<p>AVX Ltd wish to provide notification of the plan to introduce the AVX Penang facility in Malaysia as an additional site to the current AVX Sady facility in Uherske Hradiste, Czech Republic for the finishing operations of termination, plating, electrical test, visual sort and packaging for MLCC (made using TTP technology). Please note a) AVX Penang Malaysia is already qualified for these processes for AEC Q-200 Automotive grade product manufactured using CMAP technology. B) AVX Penang Malaysia has been TS16949 released for these operations since Sept 2007. Impacted part number ranges are available on the following pages.</p>			
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<b>PCN No</b>			
133			

**COL/SEF/00-122 Rev. 3** If no Customer response is received within 30 days of the notification date of the PCN, AVX will consider the PCN as agreed by the customer.

**Automotive Grade components manufactured in TTP**

	Length (L)	0805						1206						1210						1812				2220					
		mm.			in.			mm.			in.			mm.			in.			mm.									
		2.00 +/- 0.20		0.079 +/- 0.008	3.20 +/- 0.20	0.126 +/- 0.008			3.20 +/- 0.25			0.126 +/- 0.010			4.50 +/- 0.30	0.177 +/- 0.012			5.70 +/- 0.40										
Width (W)	1.25 +/- 0.20		0.050 +/- 0.008		1.60 +/- 0.20		0.063 +/- 0.008		2.50 +/- 0.25		0.100 +/- 0.010		3.20 +/- 0.25		0.126 +/- 0.010		5.00 +/- 0.40												
	WVDC	10	16	25	50	100	200	10	16	25	50	100	200	500	10	16	25	50	100	200	250	500	50	100	200	250	25	50	100
124	cap	120				N																							
154	uf	150				N																							
224		220				N						Q																	
334		330				N	N					Q								Q									
474		470				N	N					Q								Q									
564		560				N	N	N				Q	Q	Q					Q	Q									
684		680				N	N	N				Q	Q	Q					Q	Q									
824		820				N	N	N				Q	Q	Q					Q	Q									
105		1				N	N	N				Q	Q	Q					Q	Z									
125		1.2										Q	Q	Q	Q				Q	Q	Q	Q	Z			X	X		
155		1.5										Q	Q	Q	Q				Q	Q	Q	Q	Z			X	X		
185		1.8										Q	Q	Q	Q				Q	Q	Q	Z	Z			Z	Z		
225		2.2										Q	Q	Q	Q				Z	Z	Z	Z	Z			Z	Z		
275		2.7																	Z	Z	Z	Z	Z			Z	Z		
335		3.3																	Z	Z	Z	Z	Z			Z	Z		
395		3.9																	Z	Z	Z	Z	Z			Z	Z		
475		4.7																	Z	Z	Z	Z	Z			Z	Z		
565		5.6																	Z	Z	Z	Z	Z			Z	Z		
685		6.8																	Z	Z	Z	Z	Z			Z	Z		
825		8.2																	Z	Z	Z	Z	Z			Z	Z		
106		10																	Z	Z	Z	Z	Z			Z	Z		
126		12																								Z			
156		15																								Z			
186		18																								Z			
226		22																								Z			

Letter		M	N	Q	X	Z
Max.	mm	1.060 ~ 1.270	1.127 ~ 1.400	1.430 ~ 1.780	1.950 ~ 2.290	2.320 ~ 2.790
Thickness	inch.	0.041 ~ 0.053	0.045 ~ 0.055	0.057 ~ 0.070	0.078 ~ 0.086	0.090 ~ 0.106
EMBOSSED						

### Flexisafe Range manufactured in TTP

		0603				0805				1206				1210			
		mm.		in.		mm.		in.		mm.		in.		mm.		in.	
Length (L)		1.60 +/- 0.15		0.063 +/- 0.006		2.00 +/- 0.20		0.079 +/- 0.008		3.20 +/- 0.20		0.126 +/- 0.008		3.20 +/- 0.25		0.126 +/- 0.010	
Width (W)		0.80 +/- 0.15		0.032 +/- -0.006		1.25 +/- 0.20		0.050 +/- 0.008		1.60 +/- 0.20		0.063 +/- 0.008		2.50 +/- 0.25		0.100 +/- 0.010	
WVDC		16	25	50	100	16	25	50	100	16	25	50	100	10	16	50	100
102	cap	1															
182	nF	1.8															
222		2.2															
332		3.3															
472		4.7	I	I	I	I	J	J	J	J							
682		6.8	I	I	I	I	J	J	J	J							
103		10	I	I	I	I	J	J	J	J							
123		12	I	I	I		J	J	J	J							
153		15	I	I	I		J	J	J	J							
183		18	I	I	I		J	J	J	J	J	J	J				
223		22	I	I	I		N	N	N	N	J	J	J				
273		27					N	N	N	N	J	J	J				
333		33					N	N	N	N	J	J	J				
473		47					N	N	N	N	J	J	J				
563		56					N	N	N	N	M	M	M				
683		68					N	N	N	N	M	M	M				
823		82					N	N	N	N	Q	Q	Q				
104		100					N	N	N	N	M	M	M				
124		120									M	M	M				
154		150									M	M	M	Z	Z	Z	
224		220									Q	Q	Q	Q	Q	Q	
334		330												Q	Q	Q	
474		470												Q	Q	Q	
564		560															
684		680															
824		820															
105		1000															

**ANNOTATION**

Supported cap values

Letter		I	J	M	N	Q	X	Z
Max.	mm	0.74 ~ 0.89	0.74 ~ 0.94	1.06 ~ 1.27	1.27 ~ 1.4.	1.43 ~ 1.78	1.78 ~ 2.18	2.28 ~ 2.7
Thickness	inch.	0.029 ~ 0.035	0.029 ~ 0.037	0.041 ~ 0.050	0.045 ~ 0.053	0.050 ~ 0.070	0.070 ~ 0.086	0.090 ~ 0.106
PAPER				EMBOSSSED				