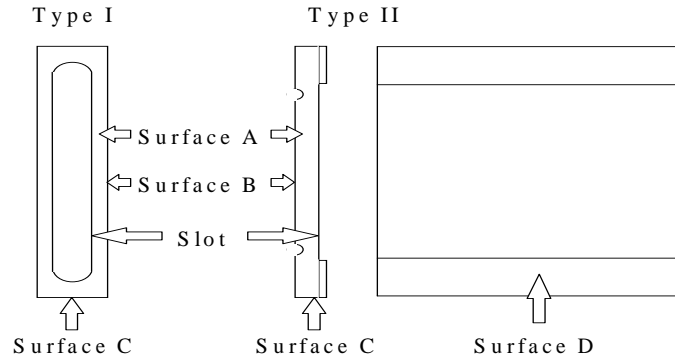


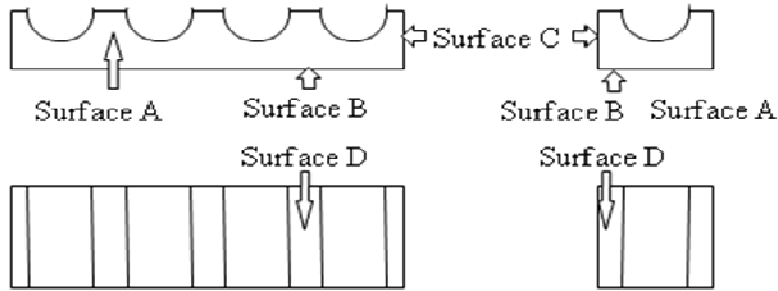
<p><b>TITLE: FLAT CABLE EMI SUPPRESSION CORES and SPLIT ROUND CABLE SUPPRESSION CORES</b></p>	<p><b>EFFECTIVE: January 20, 2015 Rev 3</b></p>
<p><b>DEVELOPED BY: FRANKLIN DEMUTH</b></p>	<p><b>SUPERSEDES: 2</b></p>
<p><b>UPDATE RESPONSIBILITY: QUALITY DEPARTMENT</b></p>	

**Flat Cable EMI Suppression Cores**



**Split Round Cable Suppression Cores**

**Type III**



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<b>UPDATE RESPONSIBILITY: QUALITY DEPARTMENT</b>	

**0.1 Limits for Irregularities: Type I**

<b>Type</b>	<b>Location</b>	<b>Max. Size Allowed</b>	<b>Max Count Allowed</b>
Cracks	Surface A	1/3 (33%) width unopened	3 per part total
	Surface B	1/5 (20%) width unopened	
	Surface C	1/3 (33%) width unopened	
Bumps	All Surfaces	0.050 in (1.27 mm), affected dimension must be within specification	Unlimited
Chips, Pits	Surface A	1/2 (50%) of wall thickness, 1/10 (10%) of length of surface up to 5mm x 7mm	3 per part total
	Surface B	1/10 (10%) length of surface up to 5mm x 7mm	
	Surface C	1/3 (33%) width of surface up to 5mm x 7mm	
Crazing	All Surfaces	No limit	N/A
Pullout	All Surfaces	0.005in (0.127mm) deep	Cumulative area of pullout must be less than 25% (1/4) of the relevant surface area
Sharp Edges	All Burnished Surfaces	None	Sharp edges not allowed on burnished cores
	All Unburnished Surfaces	N/A	Sharp edges allowed on unburnished cores only
Ragged Edges	All Surfaces	0.020 in (0.508 mm) max. penetration	Unlimited
Stains and Discoloration	All Surfaces	No limit if performance of part is not affected	Unlimited



**Actual size 5mm X 7mm**

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**0.2 Limits for Irregularities: Type II & III**

Type	Location	Max. Size Allowed	Max Count Allowed
Cracks	Surface A	1/3 (33%) width unopened	3 per part total
	Surface B	1/5 (20%) width unopened	
	Surface C	1/3 (33%) width unopened	
	Surface D	Unopened parallel to the flux path	
Bumps	Unground surfaces	0.050 in (1.27 mm), affected dimension must be within specification	Unlimited
Chips, Pits	Surface A	1/2 (50%) of wall thickness, 1/10 (10%) of length of surface up to 5mm x 7mm	3 per part total
	Surface B	1/10 (10%) length of surface up to 5mm x 7mm	
	Surface C	1/3 (33%) width of surface up to 5mm x 7mm	
	Surface D	1/3 (33%) Width of surface up to 5mm x 7mm	
Crazing	All surfaces	No limit	N/A
Pullout	All Surfaces	0.005in (0.127mm) deep	Cumulative area of Pullout must be less than 25% (1/4) of the relevant surface area
Sharp Edges	All Burnished Surfaces	None	Sharp edges not allowed on burnished cores
	All Unburnished Surfaces	N/A	Sharp edges allowed on unburnished cores only
Ragged Edges	All surfaces	0.020 in (0.508 mm) max. penetration	Unlimited
Stains and Discoloration	All surfaces	No limit if performance of part is not affected	Unlimited

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UPDATE RESPONSIBILITY: QUALITY DEPARTMENT	

**1.0 Revision History:**

Revision Number	Reason for Change	Revision Date
1	revised section 2.2 added surface drawing D	10/1/99
2	Revised the complete VIC	4/7/14
3	Revised the complete VIC	1/20/15