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A	Creation	PC	PC	29/10/2014

CHARACTERISTICS

ITEMS	VALUE	TEST METHOD
Resistance of conductor	730 Ohm/km max	23°C
Insulation resistance (conductor to conductor)	10 MOhm.m min	200 V DC
Dielectric test (conductor to conductor)	1 minute	200 V AC
Temperature rating	105 °C max	-
Voltage rating	60 V AC max	-
Flame resistance	VW - 1	UL 758

DIMENSIONS

ITEMS		SPECIFICATIONS
Number of conductors		50
Pitch	P	0.50 ± 0.05
Span	E	24.50 ± 0.10
Total width	W	25.50 ± 0.06
Margin	M	0.50+ 0.150 / - 0.096
Strip length	S1	4.0 ± 0.8
Strip length	S2	4.0 ± 0.8
End thickness	T1	0.30 ± 0.05
End thickness	T2	0.30 ± 0.05
Insulated length	L	43 ± 2
Reinforcement length	F1	8.0 ± 2.0
Reinforcement length	F2	8.0 ± 2.0
Strips differences S-S'		0.3 max

COMPOSITION

ITEM	COMPONENTS	MATERIAL	DIMENSIONS (nominal in mm)
1	Conductor	Tin plated copper (2µm min)	0.3 x 0.1
2	Insulation	Polyester (White)	0.086
3	Insulation	Polyester (White)	0.086
4	Reinforcement tape	Polyester (Blue)	0.155
5	Reinforcement tape	Polyester (Blue)	0.155



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