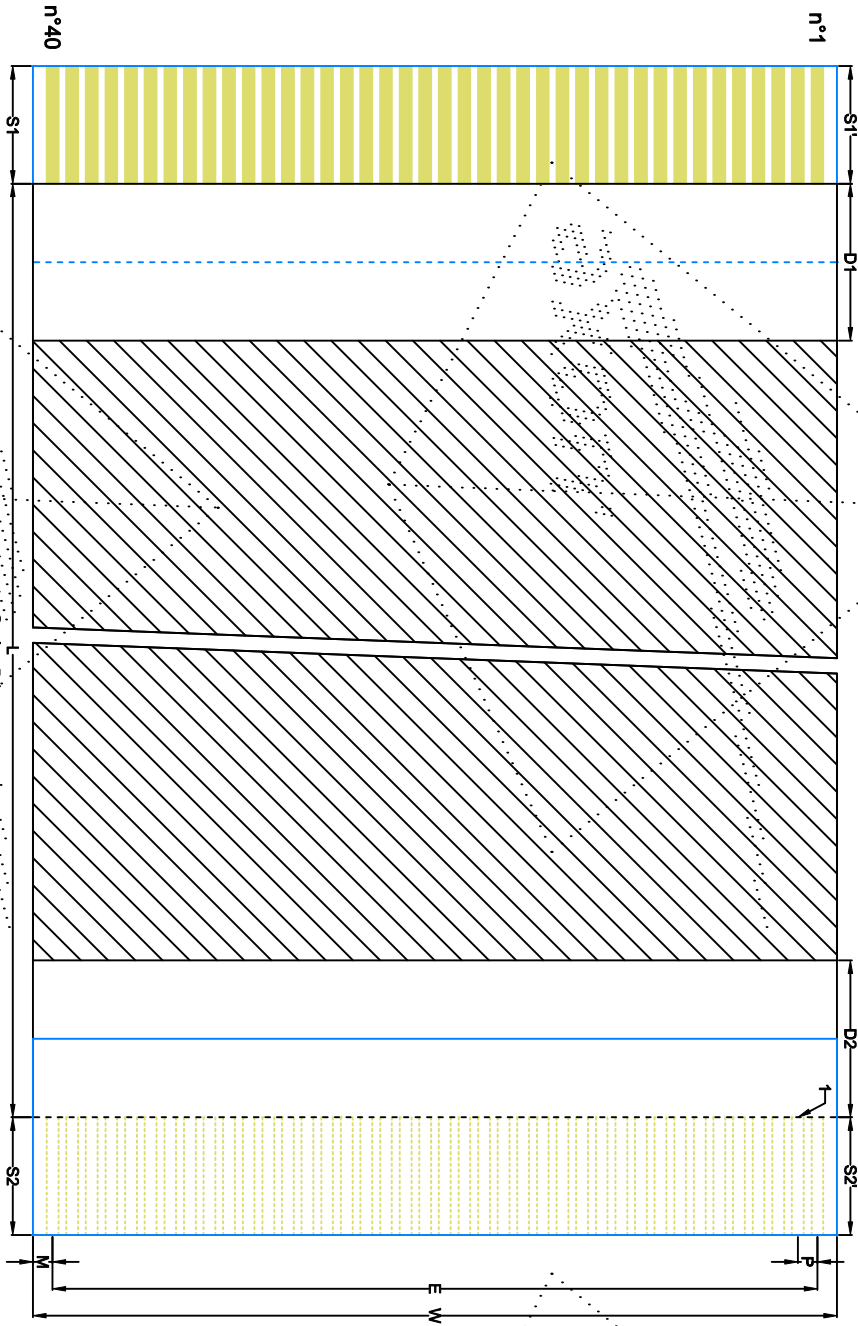
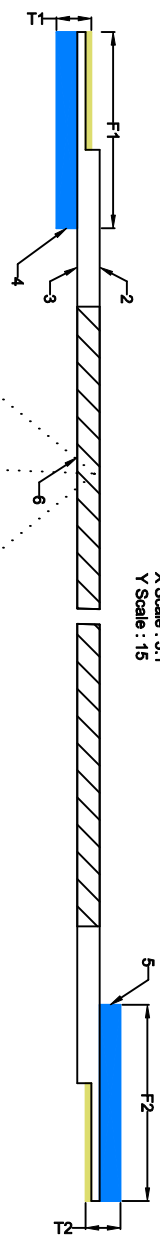


X Scale : 5:1  
Y Scale : 1:5



Scale : 5:1

### CHARACTERISTICS

ITEMS	VALUE	TEST METHOD
Resistance of conductor	1460 Ohm/km max	-
Insulation resistance (conductor to conductor)	10 MOhm.m min	500 V DC
Dielectric test (conductor to conductor)	1 minute	200 V AC
Temperature rating	80 °C max	-
Voltage rating	60 V AC max	-
Flame resistance	VW - 1	UL 758

### DIMENSIONS

ITEMS	SPECIFICATIONS
Number of conductors	40
Pitch	$0.5 \pm 0.05$
Span	$19.5 \pm 0.10$
Total width	$20.5 \pm 0.10$
Margin	$M \quad 0.5 + 0.15 / - 0.096$
Strip length	$S1 \quad 3 \pm 1$
Strip length	$S2 \quad 3 \pm 1$
End thickness	$T1 \quad 0.30 \pm 0.05$
End thickness	$T2 \quad 0.30 \pm 0.05$
Insulated length	$L \quad 90 \pm 3$
Reinforcement length	$F1 \quad 5 \pm 2$
Reinforcement length	$F2 \quad 5 \pm 2$
Shield position	$D1 \quad 4 \pm 3$
Shield position	$D2 \quad 4 \pm 3$
Strips differences S-S'	$0.3 \text{ max}$

UNLESS OTHERWISE SPECIFIED DIMENSIONS: mm / ANGLES: °

### COMPOSITION

ITEM	COMPONENTS	MATERIAL	DIMENSIONS (nominal in mm)
1	Conductor	Gold plated copper (Nickel 0.3µm min + Gold 0.05µm )	0.3 x 0.05
2	Insulation	Polyester (White)	0.073
3	Insulation	Polyester (White)	0.073
4	Reinforcement tape	Polyester (Blue)	0.18
5	Reinforcement tape	Polyester (Blue)	0.18
6	Aluminium tape	Polyester film/Aluminium	0.03



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