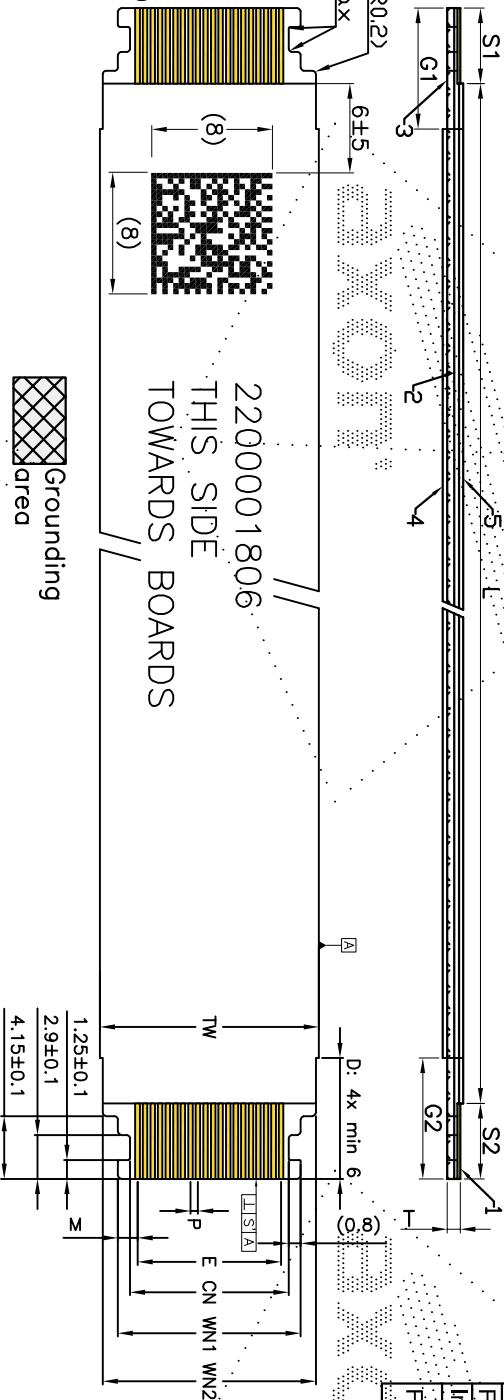


AXON' CABLE 21
AWM STYLE2896
80C 30V VW-1



CHARACTERISTICS			
ITEMS	VALUE	TEST METHOD	
Resistance of conductor	1460 Ohm/km max	20°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	80 °C max	UL2896	
Voltage rating	60 V AC max	UL2896	
Flame resistance	VW - 1	UL 758	
Impedance	90 ± 10 Ohms	-	
Folding	The specimen shall be folded manually at 180°	Continuity after more than 5 times	



Ink jet marking on side itemized 5 : see info	Height : max 2,5mm	Position: shown
Ink : black	Height : max 2,5mm	Position: centred
Ink jet marking on side itemized 4 : UL marking		
Ink : black	Height : max 2,5mm	Position: centred

DIMENSIONS

Items	Mark	Nominal	MIN	MAX
Number of conductors	N	20	20	20
Pitch	P	0,50 ± 0,05	0,45	0,55
Total pitch	E	9,50 ± 0,05	9,45	9,55
Ear width	CN	10,50 ± 0,10	10,40	10,60
Notching width	WN1	12,10 ± 0,05	12,05	12,15
Notching width	WN2	14,10 ± 0,10	14,00	14,20
Total width	TW	14,50 ± 0,15	14,35	14,65
Margin	M	1,30 ± 0,08	1,22	1,38
Stripping length	S1	5,0 ± 0,5	4,50	5,50
Stripping length	S2	5,0 ± 0,5	4,50	5,50
Grounding length	G1	8,0 ± 2,0	6,0	10,0
Grounding length	G2	8,0 ± 2,0	6,0	10,0
Insulation length	L	40 ± 2	38	42
End thickness	T	0,28 ± 0,05	0,23	0,33
Strip difference	S-S'	0,10	0	0,10

COMPOSITION

ITEM	COMPONENTS	MATERIAL	DIMENSIONS (nominal in mm)
1	Conductor	Gold plated copper (Nickel 0,3µm min + Gold 0,05µm min)	0,3±0,02 x 0,05
2	Insulation tape	Polyester (White)	0,100
3	Ground tape	Aluminium + Polyester (Aluminium)	0,119
4	Insulation tape	Polyester (White)	0,043
5	Insulation tape	Polyester (White)	0,043

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