
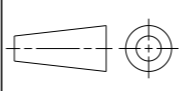


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
A1	-				
	A2	REVISED PER ECO-09-026495	30NOV9	KK	AEG
	A3	REVISED PER ECO-11-005140	01APR11	RK	HMR
	A4	1437356-7 REPLACED BY 3-1437356-6	26APR13	GSK	GA

DIM. A	DIM. B	NO. OF COND.	REEL LENGHT 30.5m TE PN	OLD PN	REEL LENGHT 100m TE PN	OLD PN	REEL LENGHT 500m TE PN	OLD PN
5.08	3.81	4			0-1437356-3	171-04G100M	0-1437356-4	171-04G500M
7.62	6.35	6	0-1437356-6	171-06G	3-1437356-6	171-06G100M	0-1437356-8	171-06G500M
10.16	8.89	8	1-1437356-2	171-08G	1-1437356-3	171-08G100M	\triangle_4 1-1437356-6	171-08G500M
11.43	10.16	9	1-1437356-8	171-09G	1-1437356-9	171-09G100M		
12.70	11.43	10	2-1437356-9	171-10G	3-1437356-0	171-10G100M	3-1437356-2	171-10G500M
15.24	13.97	12			3-1437356-9	171-12G100M		
17.78	16.51	14	4-1437356-9	171-14G	5-1437356-1	171-14G100M		
19.05	17.78	15	6-1437356-1	171-15G	6-1437356-2	171-15G100M		
20.32	19.05	16	7-1437356-3	171-16G	7-1437356-4	171-16G100M		
22.86	21.59	18	\triangle_4 8-1437356-4	171-18G	8-1437356-2	171-18G100M		
25.40	24.13	20	9-1437356-1	171-20G	9-1437356-2	171-20G100M		
30.48	29.21	24	0-1437357-6	171-24G	0-1437357-7	171-24G100M		
31.75	30.48	25	1-1437357-9	171-25G	2-1437357-0	171-25G100M		
33.02	31.75	26	3-1437357-4	171-26G	3-1437357-5	171-26G100M		
38.10	36.83	30			\triangle_4 4-1437357-3	171-30G100M		
43.18	41.91	34	5-1437357-5	171-34G	5-1437357-6	171-34G100M		
45.72	44.45	36	\triangle_4 6-1437357-4	171-36G	\triangle_4 6-1437357-5	171-36G100M		
46.99	45.72	37	7-1437357-3	171-37G	7-1437357-4	171-37G100M		
50.80	49.53	40	8-1437357-9	171-40G	9-1437357-0	171-40G100M		
55.88	54.61	44	\triangle_4 0-1437358-2	171-44G	\triangle_4 0-1437358-3	171-44G100M		
63.50	62.23	50	1-1437358-1	171-50G	1-1437358-2	171-50G100M		
71.12	69.85	56	2-1437358-0	171-56G				
76.20	74.93	60	2-1437358-7	171-60G	2-1437358-8	171-60G100M		
81.28	80.01	64	3-1437358-7	171-64G	3-1437358-8	171-64G100M		

FLAT CABLE SERIES 171G ANSLEY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 18NOV2002 G.ACKERMANN	 TE Connectivity
DIMENSIONS: mm		CHK 19NOV2002 M.SCHAARSCHMIDT	
		APVD 19NOV2002 G.FELDMEIER	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		APPLICATION SPEC	NAME FLAT CABLE 28 AWG STRANDED PVC INSULATION
MATERIAL -		FINISH -	SIZE A3 CAGE CODE 00779 DRAWING NO ©=1437356 RESTRICTED TO -
CUSTOMER DRAWING			SCALE 20:1 SHEET 1 OF 2 REV A4

4

3

2

1

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2000

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LOC

DIST

REVISIONS

A1

-

P

LTR

DESCRIPTION

DATE

DWN

APVD

- SEE SHEET 1

STANADARD 1.27mm FLAT CABLE

ANSLEY 171G SERIES

WIRE GAUGE 28 AWG (7/36) STRANDED

INSULATION PVC, BLUE

TEMPERATURE RATING 105 °C

VOLTAGE RATING 300V rms

IMPEDANCE 100Ω

CAPACITANCE 46pF/m

INDUCTANCE 0.46 μH/m

VELOCITY OF PROPAGATION 4.53nS/m

INSULATION RESISTANCE 10¹⁰ ΩTYPICAL CROSSTALK RISE CHARACTERISTICS
3.05m SAMPLE 1 LINE DRIVEN

RISE TIME 3.0nS 7.0 nS

NEAR END 5.0% 3.2%

FAR END 6.7% 2.7%

UL STYLE NO. 2651

Technical drawing of a flat cable cross-section. The drawing shows a series of conductors with insulation. Dimension A is the overall width (REF). Dimension B is the width of the conductor group (±X). The conductor pitch is 1.27 ± 0.08 mm. The insulation thickness is 0.91 ± 0.08 mm. The conductor diameter is 0.64 ± 0.13 mm. Callout 1 points to the insulation of the first conductor. Callout 2 points to the conductor pitch. Callout 3 points to the conductor diameter.

△ 4 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

1


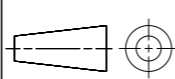
INSULATION OF FIRST CONDUCTOR MARKED WITH A BLUE LINE WITH FURTHER ALTERNATING RED AND BLUE MARKINGS EVERY 5TH CONDUCTOR

2

DIMENSION B TOLERANCE X
 ... 14 CONDUCTORS ±0.18
 15 ... 37 CONDUCTORS ±0.25
 38 ... CONDUCTORS ±0.38

3

ACCUMULATION OF PITCH TOLERANCE BETWEEN CONDUCTORS IN ENTIRE CABLE MAY NOT EXCEED TOLERANCE OF DIMENSION B

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 18NOV2002 G.ACKERMANN	 TE Connectivity	
DIMENSIONS: mm		CHK 19NOV2002 M.SCHAARSCHMIDT		
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.1		APVD 19NOV2002 G.FELDMEIER	PRODUCT SPEC -	RESTRICTED TO -
		0 PLC ±0.1 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±	APPLICATION SPEC -	SIZE A3
MATERIAL -		FINISH -	WEIGHT -	CAGE CODE 00779
				DRAWING NO C=1437356
				SCALE 20:1
				SHEET 2 OF 2
				REV A4

1470-19 (3/11)