
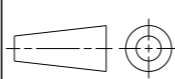


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LOC	DIST	REVISIONS					
A1	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A6		PN 7-1437356-6 added	08JUN2016	TB	GA

DIM. A	DIM. B	NO. OF COND.	REEL LENGTH 30.5m		REEL LENGTH 100m		REEL LENGTH 500m		REEL LENGTH 1000m
			TE PN	OLD PN	TE PN	OLD PN	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	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			7-1437356-6
22.86	21.59	18	8-1437356-1	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			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	6-1437357-4	171-36G	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	0-1437358-2	171-44G	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		 TE Connectivity		
DIMENSIONS: mm		CHK	19NOV2002				
		APVD	19NOV2002				
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 -	WEIGHT -	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
			CUSTOMER DRAWING	A3	00779	©=1437356	-
			SCALE	20:1	SHEET	1 OF 2	REV
							A6

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
A1	-	SEE SHEET 1	-	-	-

STANADARD 1.27mm FLAT CABLE
 ANSLEY 171G SERIES

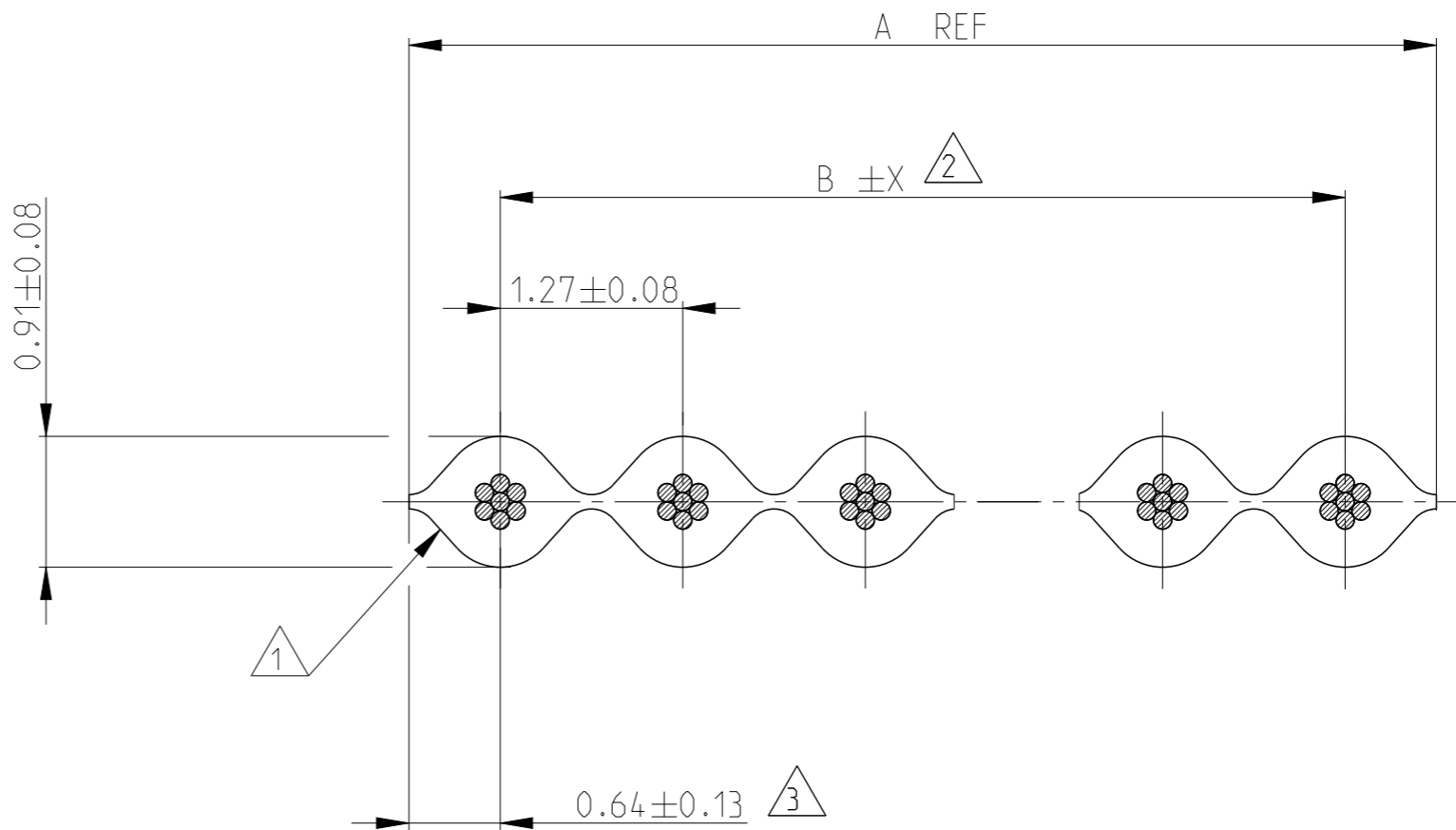
WIRE GAUGE 28 AWG (7/36) STRANDED
 INSULATION PVC, BLUE

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 Ω

TYPICAL 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



△4 OBSOLETE PARTS: OBSOLETE C IS STREAMLINING PER D.RENAUD/D.SINISI
 △5 Bending radius for 1-1437358-1
 one-time min. : 5 x outer diameter
 repeated min. : 15 x outer diameter

- △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	SIZE
0 PLC ±0.1 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±		APPLICATION SPEC	WEIGHT	CAGE CODE
MATERIAL -		FINISH -	WEIGHT -	DRAWING NO
				RESTRICTED TO
				SCALE 20:1
				SHEET 2 OF 2
				REV A6

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