

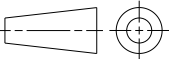
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
A1	—		A6	PN 7-1437356-6 added	08JUN2016	TB	GA

			REEL LENGH 30.5m			REEL LENGHT 100m			REEL LENGHT 500m		REEL LENGHT 1000m
DIM. A	DIM. B	NO. OF COND.	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	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				7-1437356-6
22.86	21.59	18 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			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 4	6-1437357-4	171-36G	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 4	0-1437358-2	171-44G	4	0-1437358-3	171-44G100M				
63.50	62.23	50 5	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.

DIMENSIONS:
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±
FINISH -

MATERIAL -

DWN 18NOV2002
G.ACKERMANN
CHK 19NOV2002
M.SCHAARSCHMIDT
APVD 19NOV2002
G.FELDMEIER

PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT -

CUSTOMER DRAWING

 TE Connectivity

NAME
FLAT CABLE 28 AWG
STRANDED PVC INSULATION
-

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1437356

RESTRICTED TO
-

SCALE
20:1

SHEET 1 OF 2

REV
A6

THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION	2000
© COPYRIGHT 2000	BY -	ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	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

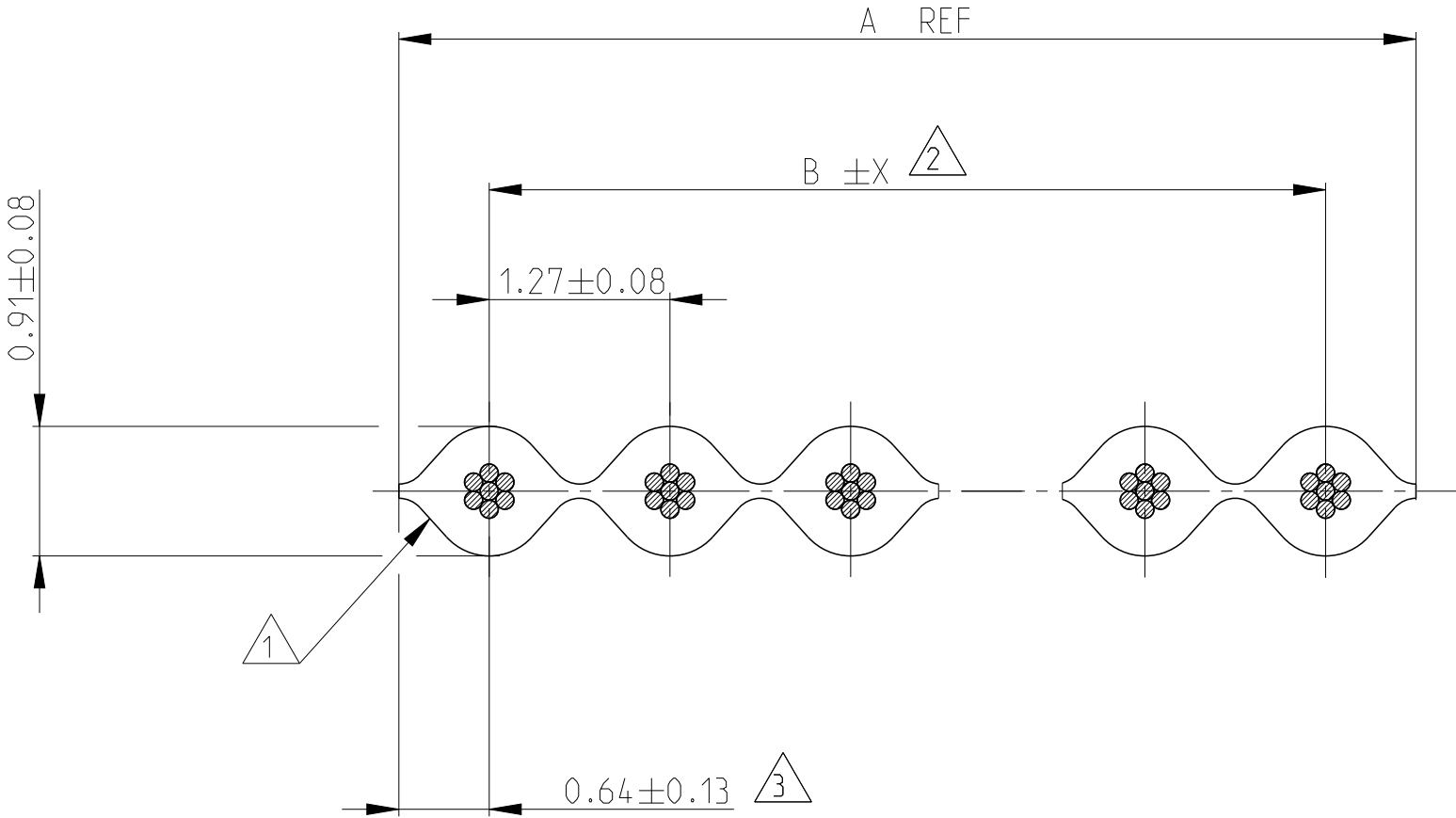
TYPICAL CROSSTALK RISE CHARACTERISTICS
3.05m SAMPLE 1 LINE DRIVEN

RISE TIME 3.0nS 7.0 nS

NEAR END 5.0% 3.2%

FAR END 6.7% 2.7%

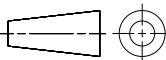
UL STYLE NO. 2651



△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 G.ACKERMANN 18NOV2002	 TE Connectivity						
		CHK M.SCHAARSCHMIDT 19NOV2002							
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.1	APVD G.FELDMEIER 19NOV2002	NAME FLAT CABLE 28 AWG STRANDED PVC INSULATION						
	0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±	PRODUCT SPEC -	SIZE A 3				CAGE CODE 00779	DRAWING NO C-1437356	RESTRICTED TO -
		APPLICATION SPEC -							
MATERIAL -	FINISH -	WEIGHT -	Customer Drawing						
			SCALE 20:1		SHEET 2 OF 2		REV A6		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[9-1437356-2](#)