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LOC	DIST
A1	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	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 ~~8-1437356-1~~	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	~~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

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL -
FINISH -

DWN G.ACKERMANN 18NOV2002
CHK M.SCHAARSCHMIDT 19NOV2002
APVD G.FELDMEIER 19NOV2002
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME
FLAT CABLE 28 AWG
STRANDED PVC INSULATION
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1437356	-

CUSTOMER DRAWING | SCALE 20:1 | SHEET 1 OF 2 | REV A6

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LOC	DIST
A1	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

STANADARD 1.27mm FLAT CABLE

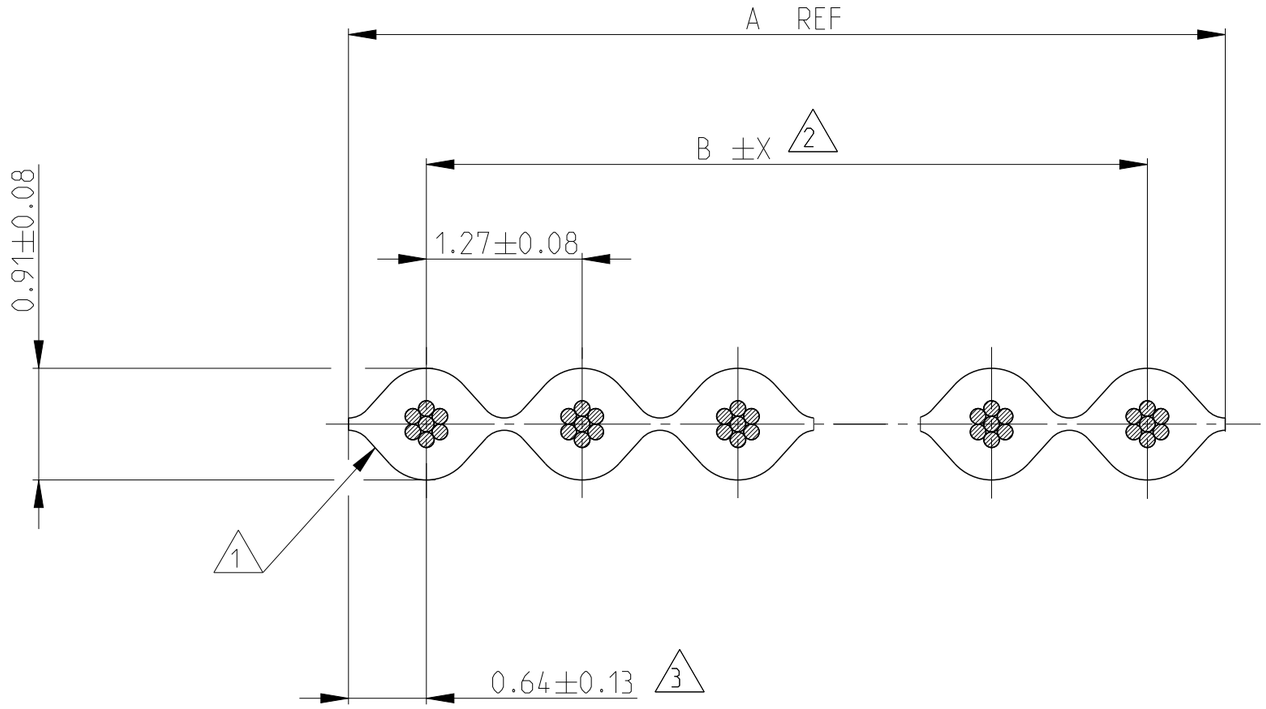
ANSLEY 171G SERIES

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	10^{10} 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 CIS 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 CONDUCTERS ±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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.1

0 PLC	±-
1 PLC	±0.5
2 PLC	±0.13
3 PLC	±0.013
4 PLC	±0.0001
ANGLES	±-

MATERIAL -

FINISH -

DWN	18NOV2002 G.ACKERMANN
CHK	19NOV2002 M.SCHAARSCHMIDT
APVD	19NOV2002 G.FELDMEIER
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

NAME FLAT CABLE 28 AWG STRANDED PVC INSULATION -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1437356	-

Customer Drawing | SCALE 20:1 | SHEET 2 OF 2 | REV A6

1470-19 (3/11)

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