

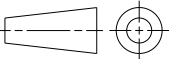
| LOC | DIST | REVISIONS |     |                      |           |     |      |
|-----|------|-----------|-----|----------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION          | DATE      | DWN | APVD |
| A1  | —    |           | A6  | PN 7-1437356-6 added | 08JUN2016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

|        |        |                 | REEL<br>LENGH 30.5m    |         |              | REEL<br>LENGHT 100m    |             |              | REEL<br>LENGHT 500m    |             | REEL<br>LENGHT<br>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 | <div>4</div> | <del>1-1437356-6</del> | 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 <div>4</div> | <del>8-1437356-4</del> | 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              |                        |         | <div>4</div> | <del>4-1437357-3</del> | 171-30G100M |              |                        |             |                         |
| 43.18  | 41.91  | 34              | 5-1437357-5            | 171-34G |              | 5-1437357-6            | 171-34G100M |              |                        |             |                         |
| 45.72  | 44.45  | 36 <div>4</div> | <del>6-1437357-4</del> | 171-36G | <div>4</div> | <del>6-1437357-5</del> | 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 <div>4</div> | <del>0-1437358-2</del> | 171-44G | <div>4</div> | <del>0-1437358-3</del> | 171-44G100M |              |                        |             |                         |
| 63.50  | 62.23  | 50 <div>5</div> | 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

|                              |                          |                      |
|------------------------------|--------------------------|----------------------|
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| 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

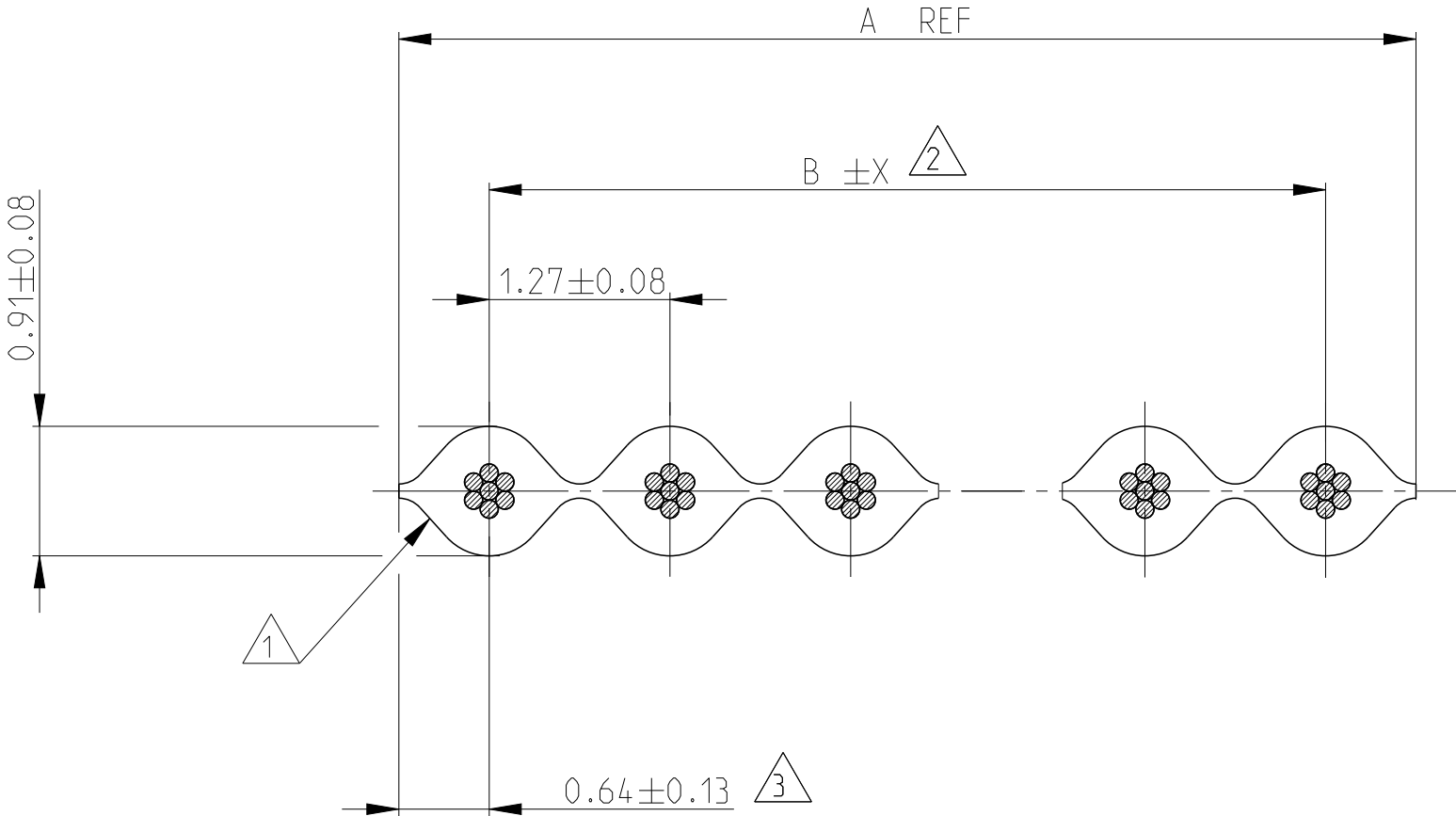
VELOCITY OF PROPAGATION   4.53nS/m

INSULATION RESISTANCE     10<sup>10</sup> 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%   |

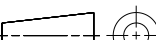
UL STYLE NO.                   2651



△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<br>G.ACKERMANN                          |  | <div>TE Connectivity</div> |  |                                                                   |  |                         |  |                        |  |           |  |
|                                                                                       |  | CHK 19NOV2002<br>M.SCHAARSCHMIDT                      |  |                                                                                                                 |  |                                                                   |  |                         |  |                        |  |           |  |
| DIMENSIONS:<br><br>mm                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>±0.1 |  | APVD 19NOV2002<br>G.FELDMEIER                                                                                   |  | NAME<br><br>FLAT CABLE 28 AWG<br>STRANDED PVC INSULATION<br><br>- |  |                         |  |                        |  |           |  |
|  |  | PRODUCT SPEC<br><br>-                                 |  | APPLICATION SPEC<br><br>-                                                                                       |  |                                                                   |  |                         |  |                        |  |           |  |
|                                                                                       |  | WEIGHT<br><br>-                                       |  | SIZE<br>A 3                                                                                                     |  | CAGE CODE<br>00779                                                |  | DRAWING NO<br>C-1437356 |  | RESTRICTED TO<br><br>- |  |           |  |
| MATERIAL<br><br>-                                                                     |  | FINISH<br><br>-                                       |  | Customer Drawing                                                                                                |  |                                                                   |  | SCALE<br>20:1           |  | SHEET<br>2 OF 2        |  | REV<br>A6 |  |

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