
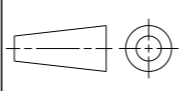


THIS DRAWING IS UNPUBLISHED.
 RELEASED FOR PUBLICATION 2000
 © COPYRIGHT 2000 ALL RIGHTS RESERVED.

| 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 NAME FLAT CABLE 28 AWG STRANDED PVC INSULATION |
| 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 | SIZE CAGE CODE DRAWING NO RESTRICTED TO |
| MATERIAL - | | FINISH - | WEIGHT - |
| | | A3 00779 ©=1437356 | |
| | | CUSTOMER DRAWING SCALE 20:1 SHEET 1 OF 2 REV A4 | |

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

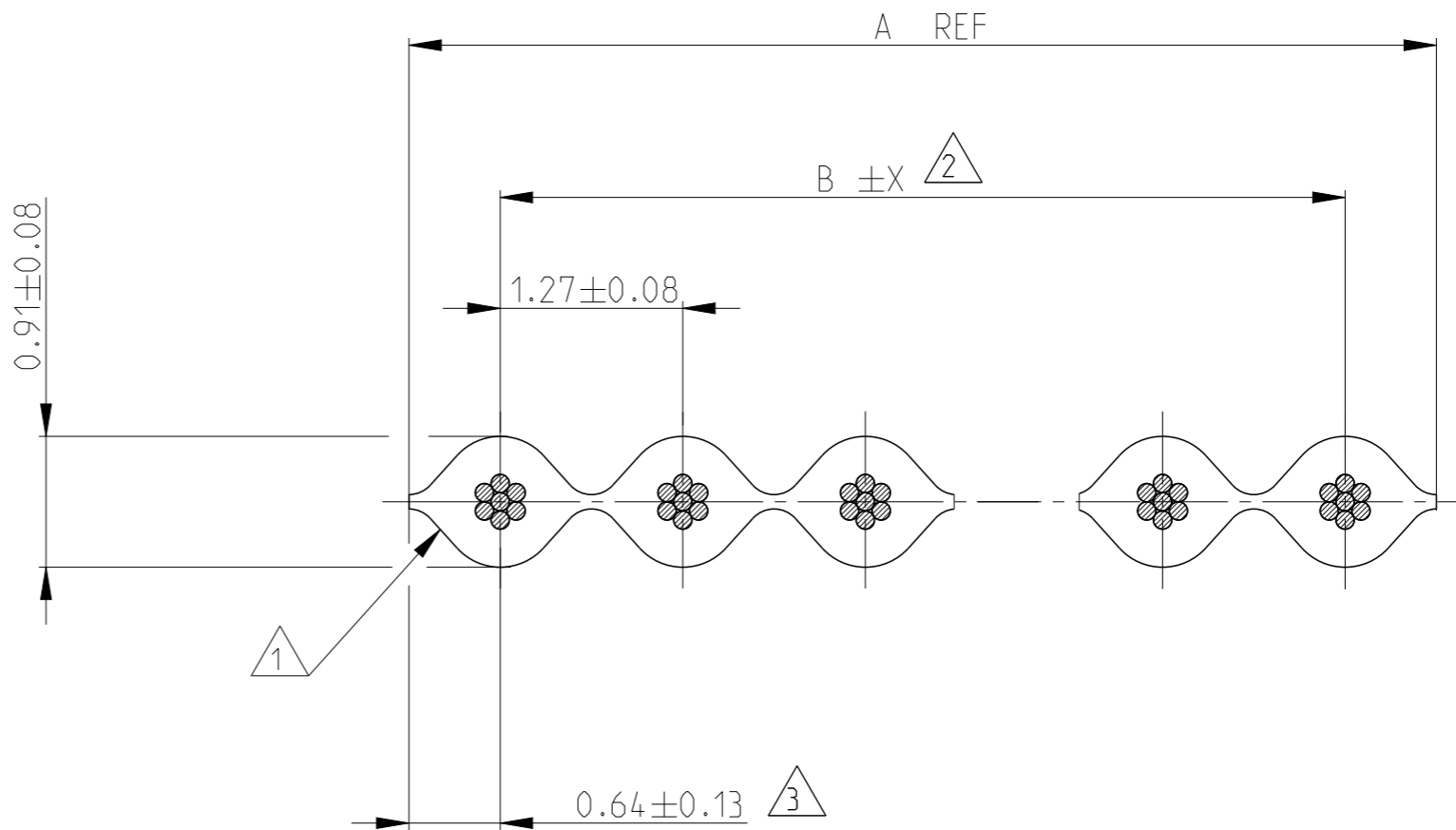
STANADARD 1.27mm FLAT CABLE
 ANSLEY 171G SERIES

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 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 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 | NAME FLAT CABLE 28 AWG STRANDED PVC INSULATION | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>0 PLC</td> <td>±0.1</td> </tr> <tr> <td>1 PLC</td> <td>±0.5</td> </tr> <tr> <td>2 PLC</td> <td>±0.13</td> </tr> <tr> <td>3 PLC</td> <td>±0.013</td> </tr> <tr> <td>4 PLC</td> <td>±0.0001</td> </tr> <tr> <td>ANGLES</td> <td>±</td> </tr> </table> | | 0 PLC | ±0.1 | 1 PLC | ±0.5 | 2 PLC | ±0.13 | 3 PLC | ±0.013 | 4 PLC | ±0.0001 | ANGLES | ± | PRODUCT SPEC | SIZE CAGE CODE DRAWING NO RESTRICTED TO | |
| 0 PLC | ±0.1 | | | | | | | | | | | | | | | |
| 1 PLC | ±0.5 | | | | | | | | | | | | | | | |
| 2 PLC | ±0.13 | | | | | | | | | | | | | | | |
| 3 PLC | ±0.013 | | | | | | | | | | | | | | | |
| 4 PLC | ±0.0001 | | | | | | | | | | | | | | | |
| ANGLES | ± | | | | | | | | | | | | | | | |
| MATERIAL - | | APPLICATION SPEC | A3 00779 ©=1437356 | | | | | | | | | | | | | |
| FINISH - | | WEIGHT - | Customer Drawing SCALE 20:1 SHEET 2 OF 2 REV A4 | | | | | | | | | | | | | |