

LOC	DIST	REVISIONS					
A1	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A1	PART NUMBER CHANGED TO TYCO	18NOV2002	ACK	GF
			A2	REVISED PER ECO-09-026495	30NOV09	KK	AEG

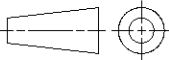
			REEL LENGHT 30.5m		REEL LENGHT 100m		REEL LENGHT 500m	
DIM. A	DIM. B	NO. OF COND.	TYCO - PN	OLD PN	TYCO - PN	OLD PN	TYCO - PN	OLD PN
5.08	3.81	4			0-1437356-3	171-04G100M	0-1437356-4	171-04G500M
7.62	6.35	6	0-1437356-6	171-06G	0-1437356-7	171-06G100M	0-1437356-8	171-06G500M
10.16	8.89	8	1-1437356-2	171-08G	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		
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	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 FOR TYCO ELECTRONICS CORPORATION
IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION
SHOULD BE CONTACTED FOR THE LATEST REVISION.

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.SCHLEIHAUF

APVD 19NOV2002
G.FELDMEIER

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

tyco Electronics AMP GmbH

D - 67346 Speyer

NAME

FLAT CABLE 28 AWG
STRANDED PVC INSULATION

SIZE

A3

CAGE CODE

00779

DRAWING NO

1437356

RESTRICTED TO

-

CUSTOMER DRAWING

SCALE

20:1

SHEET

1

OF

2

REV

A2

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

2000

© COPYRIGHT 2000

BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

AI

-

-

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

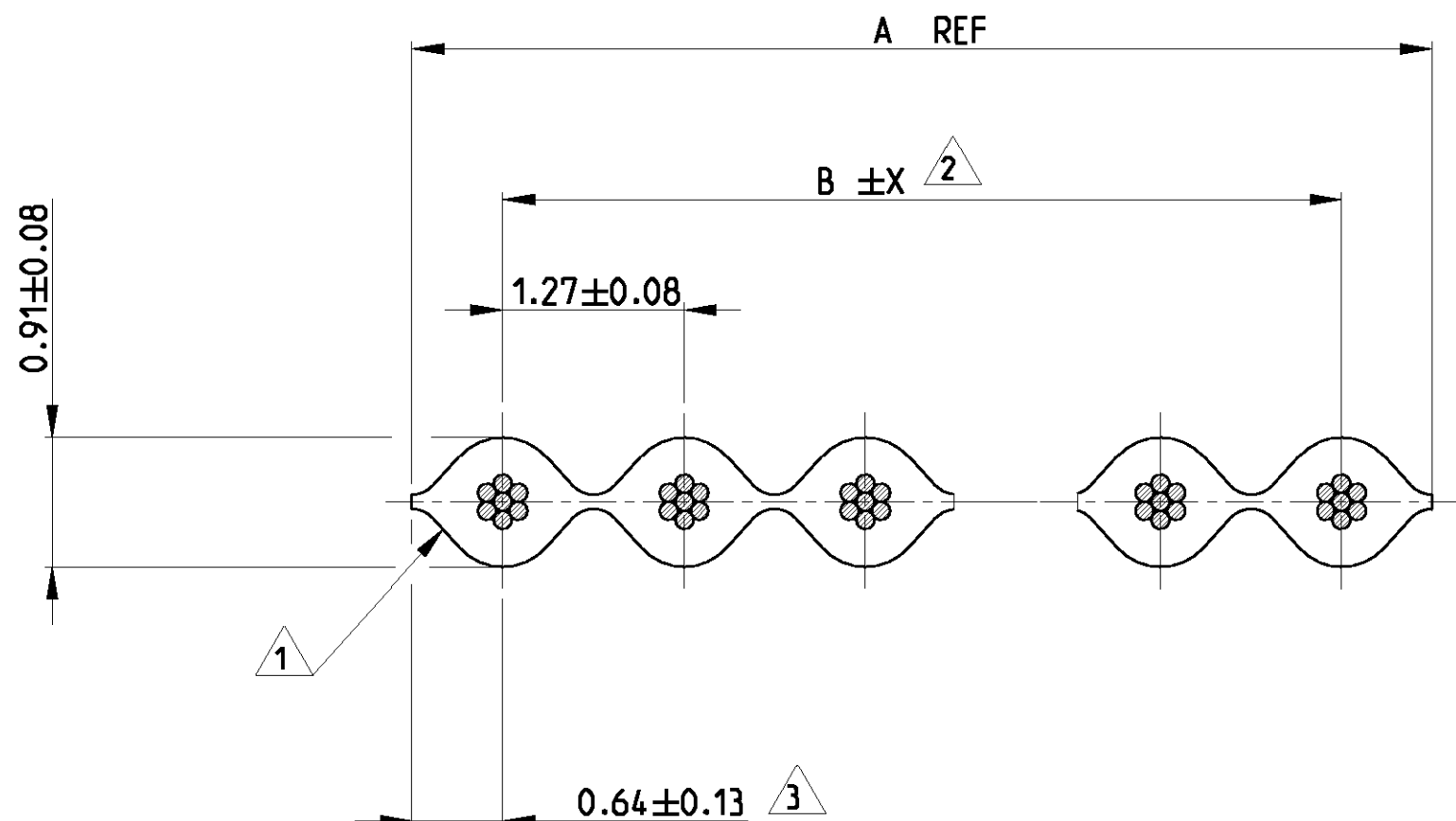
INSULATION RESISTANCE 10¹⁰ ΩTYPICAL CROSSTALK RISE CHARACTERISTICS
3.05m SAMPLE 1 LINE DRIVEN

RISE TIME 3.0nS 7.0 nS

NEAR END 5.0% 3.2%

FAR END 6.7% 2.7%

UL STYLE NO. 2651



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

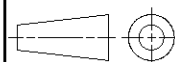
4

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION
IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION
SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm



MATERIAL

-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

±0.1

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

FINISH

-

DWN

G.ACKERMANN

18NOV2002

CHK

M.SCHLEIHAUF

19NOV2002

APVD

G.FELDMER

19NOV2002

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

-

-

-

-

-

-

-

tyco
Electronicstyco Electronics AMP GmbH
D - 67346 Speyer

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 A2