

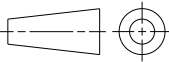
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
A1	-		A5	DETAIL A AND PN 7-1437373-5 ADDED	20FEB2006	GA	RK
			A6	REVISED PER ECO-09-027197	19DEC09	KK	AEG

ROUND TO FLAT CABLE SHIELDED SERIES 300 ANSLEY

			COIL LENGHT 30.5m			REEL LENGHT 100m			REEL LENGHT 500m		
DIM. A	DIM. B	DIM. C	NO. OF COND.	TYCO - PN	OLD PN	TYCO - PN	OLD PN		TYCO - PN	OLD PN	
6.80 ±0.20	11,43	0,8	9	0-1437373-2	300-09	0-1437373-1	300-09-100M				
6.80 ±0.20	12,70	0,8	10	0-1437373-6	300-10	0-1437373-4	300-10-100M		0-1437373-5 ⁷	300-10-500M	
7.20 ±0.20	17,78	0,8	14	0-1437373-7	300-14	0-1437373-8 ⁷	300-14-100M				
7.60 ±0.20	19,05	0,8	15	0-1437373-9	300-15	1-1437373-0 ⁷	300-15-100M		1-1437373-1 ⁷	300-15-500M	
8.40 ±0.20	20,32	0,8	16	1-1437373-3	300-16	1-1437373-4	300-16-100M		1-1437373-5	300-16-500M	
8.40 ±0.20	25,40	0,8	20	1-1437373-6	300-20	1-1437373-7	300-20-100M		1-1437373-8 ⁷	300-20-500M	
9.20 ±0.30	30,48	0,8	24	1-1437373-9	300-24						
9.20 ±0.30	31,75	0,8	25	2-1437373-0	300-25	2-1437373-1 ⁷	300-25-100M				
9.80 ±0.30	33,02	0,8	26	2-1437373-3	300-26	2-1437373-4	300-26-100M				
9.80 ±0.30	38,10	0,8	30		300-30						
10.60 ±0.40	43,20	0,8	34	2-1437373-7	300-34	2-1437373-8	300-34-100M				
10.60 ±0.40	45,72	0,8	36	2-1437373-9 ⁷	300-36						
10.60 ±0.40	47,00	1,0	37	3-1437373-0	300-37	3-1437373-1	300-37-100M				
11.30 ±0.40	50,80	1,0	40	3-1437373-3	300-40	3-1437373-4	300-40-100M		3-1437373-5 ⁷	300-40-500M	
11.60 ±0.40	63,50	1,0	50	3-1437373-6	300-50	3-1437373-7	300-50-100M				
13.00 ±0.40	76,20	1,0	60	4-1437373-0 ⁷	300-60	4-1437373-1 ⁷	300-60-100M				
13.50 ±0.40	81,30	1,0	64	4-1437373-2	300-64	4-1437373-3	300-64-100M				

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
-

FINISH
-

DWN
G.ACKERMANN
11APR2003

CHK
M.SCHLEIHAUF
22APR2003

APVD
G.FELDMEIER
25APR2003

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

SCALE
1:1

SHEET
1 OF 4

REV
A6

tyco Electronics AMP GmbH
D - 67346 Speyer

NAME
ROUND TO FLAT JACKETED CABLE
SHIELDED / UNSHIELDED
ANSLEY SERIES 300 / 301

SIZE
A3

CAGE CODE
00779

DRAWING NO
1437373

RESTRICTED TO
-

AMP 1470-19 REV 31MAR2000

Pro/ENGINEER DRAW ING

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	APVD
A1	-		-	SEE SHEET 1	-	-

ROUND TO FLAT 1.27mm JACKETED CABLE

ANSLEY 300 SERIES SHIELDED

WIRE GAUGE 28 AWG (7/36) STRANDED

INSULATION AND JACKET PVC

TEMPERATURE RATING 80 °C

VOLTAGE RATING 300V rms

IMPEDANCE 57Ω

CAPACITANCE 92pF/m

INDUCTANCE 0.30 μH/m

VELOCITY OF PROPAGATION 4.50nS/m

INSULATION RESISTANCE 10¹⁰ Ω

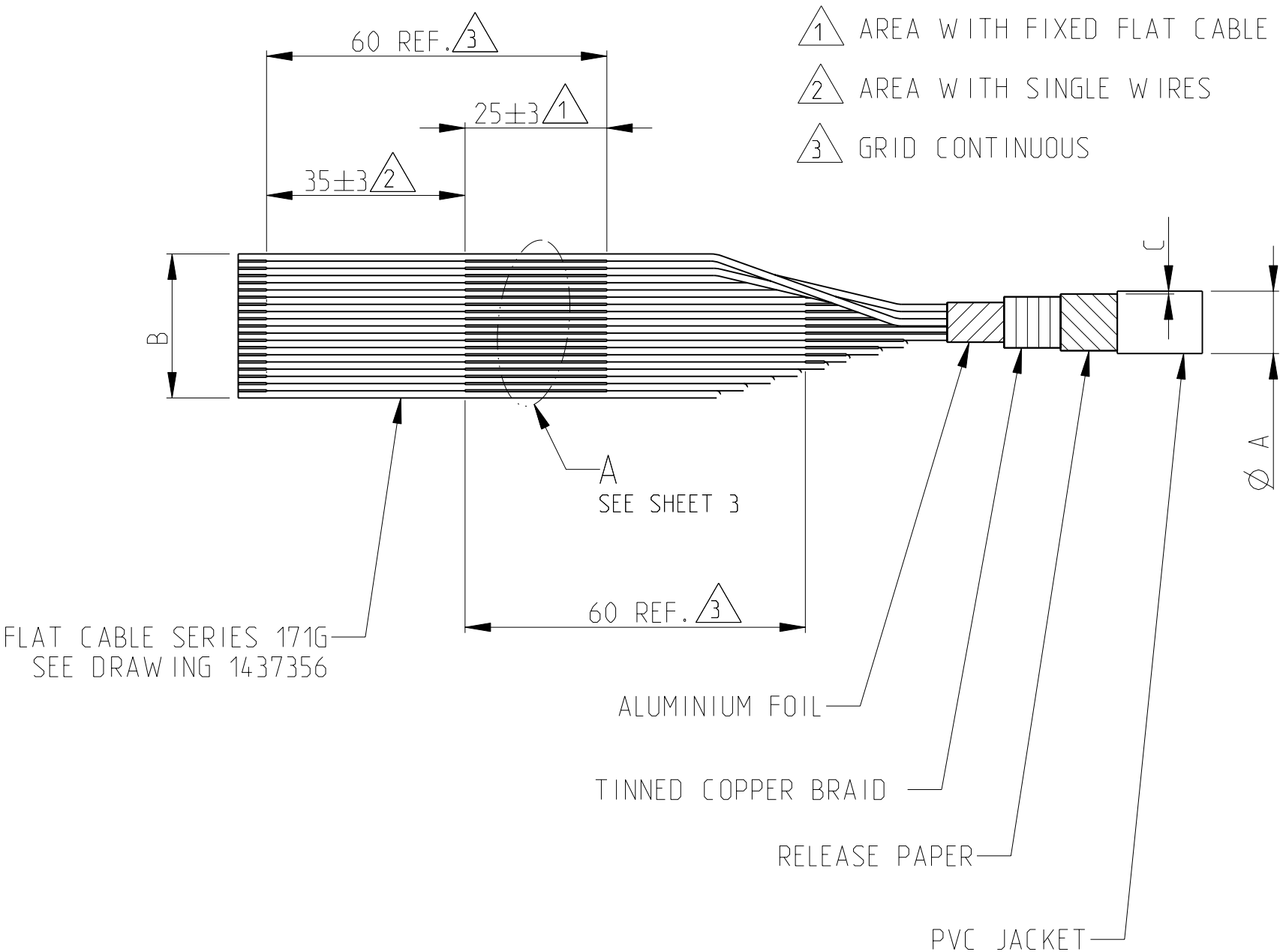
TYPICAL CROSSTALK RISE CHARACTERISTICS
3.05m SAMPLE 1 LINE DRIVEN

RISE TIME 3.0nS 7.0 nS

NEAR END 3.8% 1.8%

FAR END 4.8% 3.3%

APPROVALS AWM STYLE 20267
ALTERNATIVE PLCC CL2

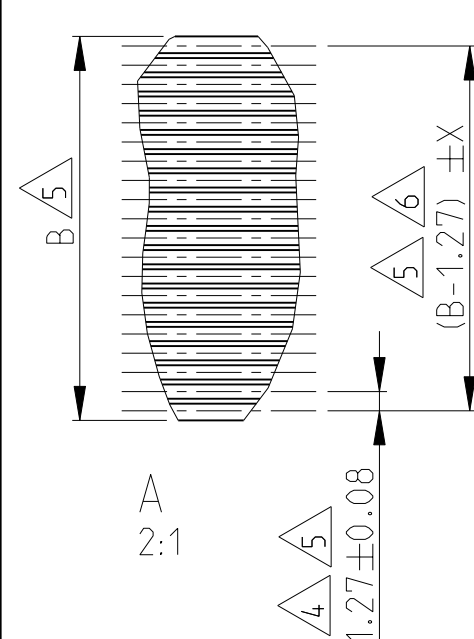


THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN G.ACKERMANN 11APR2003	tyco Electronics AMP GmbH D - 67346 Speyer		
		CHK M.SCHLEIHAUF 22APR2003			
		APVD G.FELDMEIER 25APR2003	NAME ROUND TO FLAT JACKETED CABLE SHIELDED / UNSHIELDED ANSLEY SERIES 300 / 301		
DIMENSIONS: mm		PRODUCT SPEC			
		APPLICATION SPEC	SIZE A3		
MATERIAL -		WEIGHT -			
		CUSTOMER DRAWING	SCALE 1:1		
			SHEET 2 OF 4		
			REV A6		

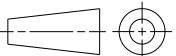
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
A1	-		-	SEE SHEET 1	-	-	-

ROUND TO FLAT CABLE UNSHIELDED SERIES 301 ANSLEY

				COIL LENGHT 30.5m			COIL LENGHT 100m			REEL LENGHT 500m	
DIM. A	DIM. B	DIM. C	NO. OF COND.	TYCO - PN	OLD PN		TYCO - PN	OLD PN		TYCO - PN	OLD PN
6.10 ±0.20	11,43	0,8	9	4-1437373-4	301-09		4-1437373-5	301-09-100M			
6.20 ±0.20	12,70	0,8	10	4-1437373-7	301-10		4-1437373-8	301-10-100M			
7.20 ±0.20	17,78	0,8	14	4-1437373-9/7	301-14						
7.20 ±0.20	19,05	0,8	15	5-1437373-0	301-15						
7.20 ±0.20	20,32	0,8	16	5-1437373-1/7	301-16		5-1437373-2	301-16-100M			
7.30 ±0.20	25,40	0,8	20	5-1437373-3	301-20		5-1437373-4	301-20-100M			
8.60 ±0.30	30,48	0,8	24	5-1437373-6/7	301-24						
8.60 ±0.30	31,75	0,8	25	5-1437373-7	301-25						
8.60 ±0.30	33,02	0,8	26	5-1437373-8	301-26		5-1437373-9/7	301-26-100M			
9.30 ±0.30	38,10	0,8	30		301-30						
10.00 ±0.40	43,20	0,8	34	6-1437373-2	301-34		6-1437373-3	301-34-100M			
10.20 ±0.40	45,72	0,8	36	6-1437373-4/7	301-36						
10.30 ±0.40	47,00	1,0	37	6-1437373-5/7	301-37		6-1437373-6	301-37-100M			
10.50 ±0.40	50,80	1,0	40	6-1437373-7	301-40		6-1437373-8/7	301-40-100M			
11.10 ±0.40	63,50	1,0	50	6-1437373-9	301-50		7-1437373-0	301-50-100M			
12.50 ±0.40	76,20	1,0	60	7-1437373-2	301-60					7-1437373-3/7	301-60-500M
13.00 ±0.40	81,30	1,0	64	7-1437373-4/7	301-64		7-1437373-5	301-64-100M			



- △4 PITCH TOLERANCE NOT CUMULATIVE
 - △5 VALID IN AREA △1 ONLY
 - △6 TOTAL PITCH TOLERANCE X
 - ... 14 CONDUCTORS ±0.18
 - 15 ... 37 CONDUCTORS ±0.25
 - 38 ... CONDUCTORS ±0.38
 - △7 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.		DWN 11 APR 2003 G. ACKERMANN		Tyco Electronics tyco Electronics AMP GmbH D - 67346 Speyer	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		CHK 22 APR 2003 M. SCHLEIHAUF	
		APVD 25 APR 2003 G. FELDMEIER		NAME ROUND TO FLAT JACKETED CABLE SHIELDED / UNSHIELDED ANSLEY SERIES 300 / 301	
MATERIAL -		FINISH -		PRODUCT SPEC -	
		APPLICATION SPEC -		SIZE A3	
		WEIGHT -		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO. C-1437373	
				RESTRICTED TO -	
				SCALE 1:1	
				SHEET 3 OF 4	
				REV A6	

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
A1	-		-	SEE SHEET 1	-	-	-

ROUND TO FLAT 1.27mm JACKETED CABLE

ANSLEY 301 SERIES UNSHIELDED

WIRE GAUGE 28 AWG (7/36) STRANDED

INSULATION AND JACKET PVC

TEMPERATURE RATING 80 °C

VOLTAGE RATING 300V rms

IMPEDANCE 63Ω

CAPACITANCE 81pF/m

INDUCTANCE 0.33 μH/m

VELOCITY OF PROPAGATION 4.40nS/m

INSULATION RESISTANCE 10¹⁰ Ω

TYPICAL CROSSTALK RISE CHARACTERISTICS
3.05m SAMPLE 1 LINE DRIVEN

RISE TIME 3.0nS 7.0 nS

NEAR END 4.8% 3.5%

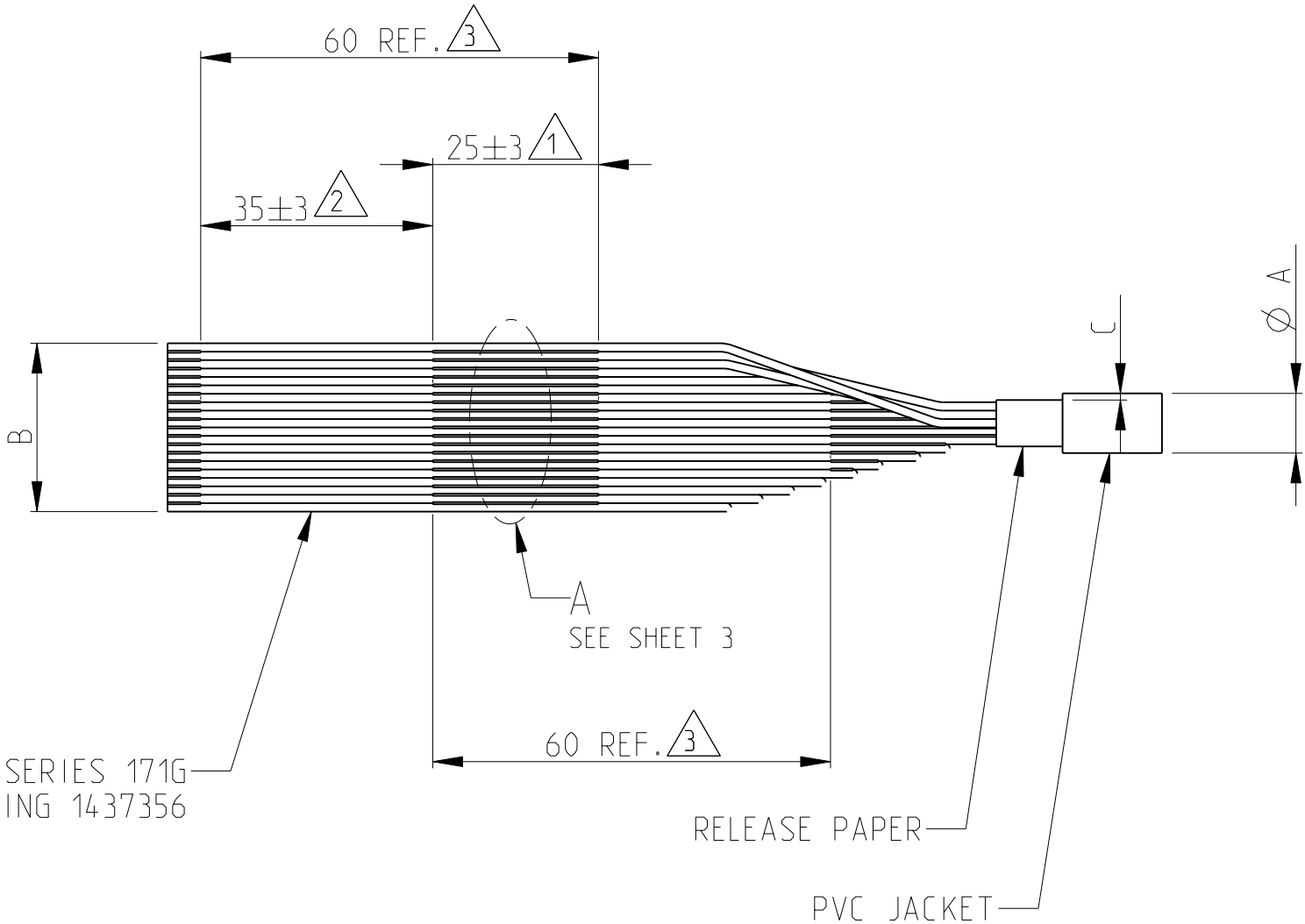
FAR END 5.8% 3.0%

APPROVALS

ALTERNATIVE AWM STYLE 20267

 PLCC CL2

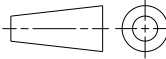
- 1 AREA WITH FIXED FLAT CABLE
- 2 AREA WITH SINGLE WIRES
- 3 GRID CONTINUOUS



FLAT CABLE SERIES 171G
SEE DRAWING 1437356

RELEASE PAPER

PVC JACKET

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DIMENSIONS: mm		CHK M.SCHLEIHAUF 22APR2003	NAME ROUND TO FLAT JACKETED CABLE SHIELDED / UNSHIELDED ANSLEY SERIES 300 / 301			
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2		APVD G.FELDMEIER 25APR2003				
		PRODUCT SPEC -	SIZE A3			
		APPLICATION SPEC -				
MATERIAL -		WEIGHT -	CAGE CODE 00779		DRAWING NO C-1437373	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1		SHEET 4 OF 4	REV A6