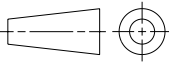


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LOC	DIST	REVISIONS				
A1	-	P	LTR	DESCRIPTION	DATE	APVD
			A7	REVISED PER ECO-11-005140	14APR2011	RK

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.	PART NO	OLD PN	PART NO	OLD PN		PART NO	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.		DWN G.ACKERMANN 11APR2003	TE Connectivity ROUND TO FLAT JACKETED CABLE SHIELDED / UNSHIELDED ANSLEY SERIES 300 / 301			
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±	CHK M.SCHLEIHAUF 22APR2003				
		APVD G.FELDMEIER 25APR2003				
		PRODUCT SPEC -				
MATERIAL -	FINISH -	APPLICATION SPEC -	NAME			
		WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-1437373	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 1:1	SHEET 1	OF 4	REV A7

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

ROUND TO FLAT 1.27mm JACKETED CABLE

ANSLEY 300 SERIES SHIELDED

WIRE GAUGE28 AWG (7/36) STRANDED

INSULATION AND JACKETPVC

TEMPERATURE RATING80 °C

VOLTAGE RATING300V rms

IMPEDANCE57Ω

CAPACITANCE92pF/m

INDUCTANCE0.30 μH/m

VELOCITY OF PROPAGATION4.50nS/m

INSULATION RESISTANCE10¹⁰ Ω

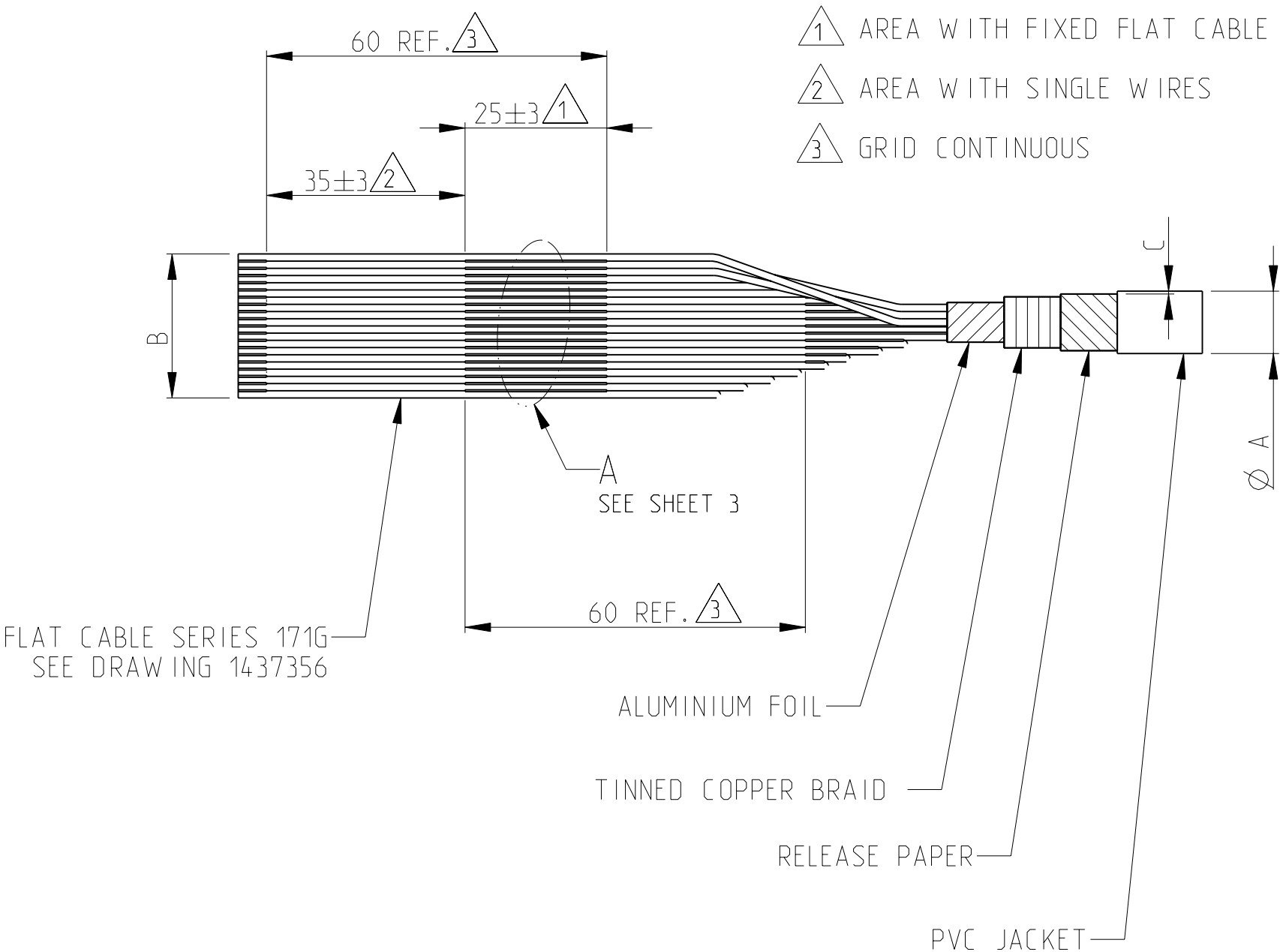
TYPICAL CROSSTALK RISE CHARACTERISTICS
3.05m SAMPLE 1 LINE DRIVEN

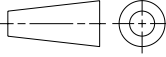
RISE TIME3.0nS7.0 nS

NEAR END3.8%1.8%

FAR END4.8%3.3%

APPROVALS
ALTERNATIVEAWM STYLE 20267
PLCCCL2



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.ACKERMANN 11APR2003	TE Connectivity					
		CHK M.SCHLEIHAUF 22APR2003						
DIMENSIONS: mm		APVD G.FELDMEIER 25APR2003	NAME ROUND TO FLAT JACKETED CABLE SHIELDED / UNSHIELDED ANSLEY SERIES 300 / 301					
		PRODUCT SPEC -						
		APPLICATION SPEC -	SIZE A 3		CAGE CODE 00779		DRAWING NO C-1437373	
MATERIAL -		WEIGHT -						
FINISH -		CUSTOMER DRAWING		SCALE 1:1		SHEET 2 OF 4		REV A7

4		3		2		1									
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									-	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.		PART NO		OLD PN		PART NO		OLD PN	
6.10 ±0.20		11,43		0,8		9		4-1437373-4		301-09					
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					
13.00 ±0.40		81,30		1,0		64		7-1437373-4/7		301-64		7-1437373-5		301-64-100M	

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	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

AWM STYLE 20267

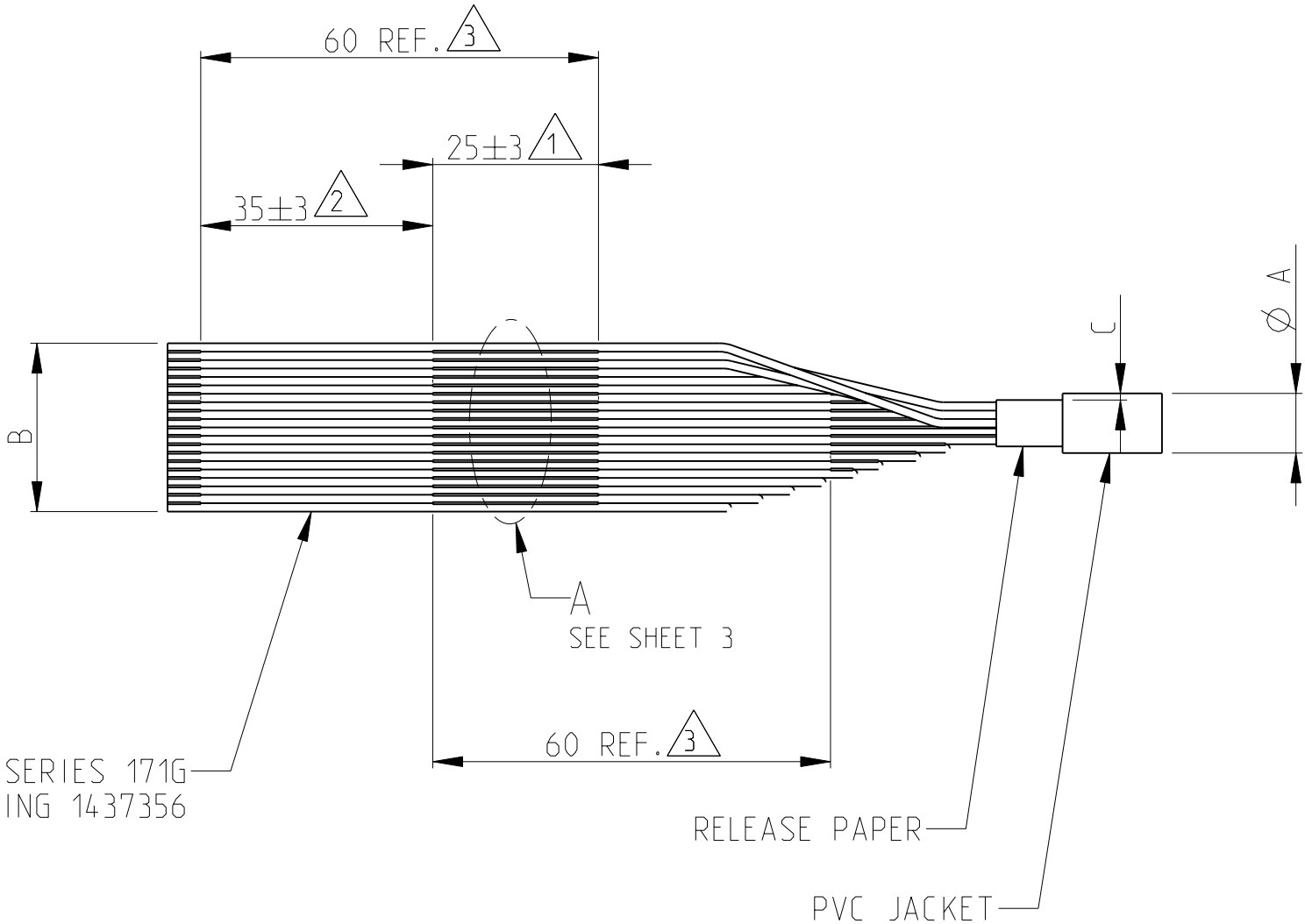
ALTERNATIVE PLCC CL2

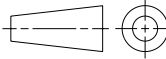
- 1

AREA WITH FIXED FLAT CABLE
- 2

AREA WITH SINGLE WIRES
- 3

GRID CONTINUOUS



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.ACKERMANN 11APR2003	TE TE Connectivity						
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2	CHK M.SCHLEIHAUF 22APR2003	NAME ROUND TO FLAT JACKETED CABLE SHIELDED / UNSHIELDED ANSLEY SERIES 300 / 301						
	0 PLC ±	APVD G.FELDMEIER 25APR2003							
	1 PLC ±	PRODUCT SPEC -							
	2 PLC ±	APPLICATION SPEC -							
3 PLC ±	4 PLC ±	WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-1437373	RESTRICTED TO -			
MATERIAL -	FINISH -	CUSTOMER DRAWING				SCALE 1:1	SHEET 4	OF 4	REV A7