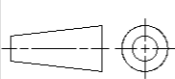



THIS DRAWING IS UNPUBLISHED  
 RELEASED FOR PUBLICATION  
 © COPYRIGHT ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
A1	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A3		REVISED PER ECO-11-005140	01APR11	RK	HMR

DIM. A	DIM. B	NO. OF COND.	REEL LENGHT 30.5m		REEL LENGHT 100m		REEL LENGHT 500m	
			PART NUMBER	OLD PN	PART NUMBER	OLD PN	PART NUMBER	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	$\Delta$ 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	$\Delta$ 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			$\Delta$ 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	$\Delta$ 6-1437357-4	171-36G	$\Delta$ 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	$\Delta$ 0-1437358-2	171-44G	$\Delta$ 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

DIMENSIONS: <b>mm</b> 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm$ 1 PLC $\pm$ 2 PLC $\pm$ 3 PLC $\pm$ 4 PLC $\pm$ ANGLES $\pm$		DWN <b>G. ACKERMANN</b> 18NOV2002 CHK <b>M. SCHLEIHAUF</b> 19NOV2002 APVD <b>G. FELDMEIER</b> 19NOV2002 PRODUCT SPEC APPLICATION SPEC WEIGHT -		 TE Connectivity NAME <b>FLAT CABLE 28 AWG STRANDED PVC INSULATION</b>		SIZE A3 CAGE CODE 00779 DRAWING NO C-1437356 RESTRICTED TO -	
MATERIAL -		FINISH -		CUSTOMER DRAWING		SCALE 20:1		SHEET 1 OF 2 REV A3	

THIS DRAWING IS UNPUBLISHED.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

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	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

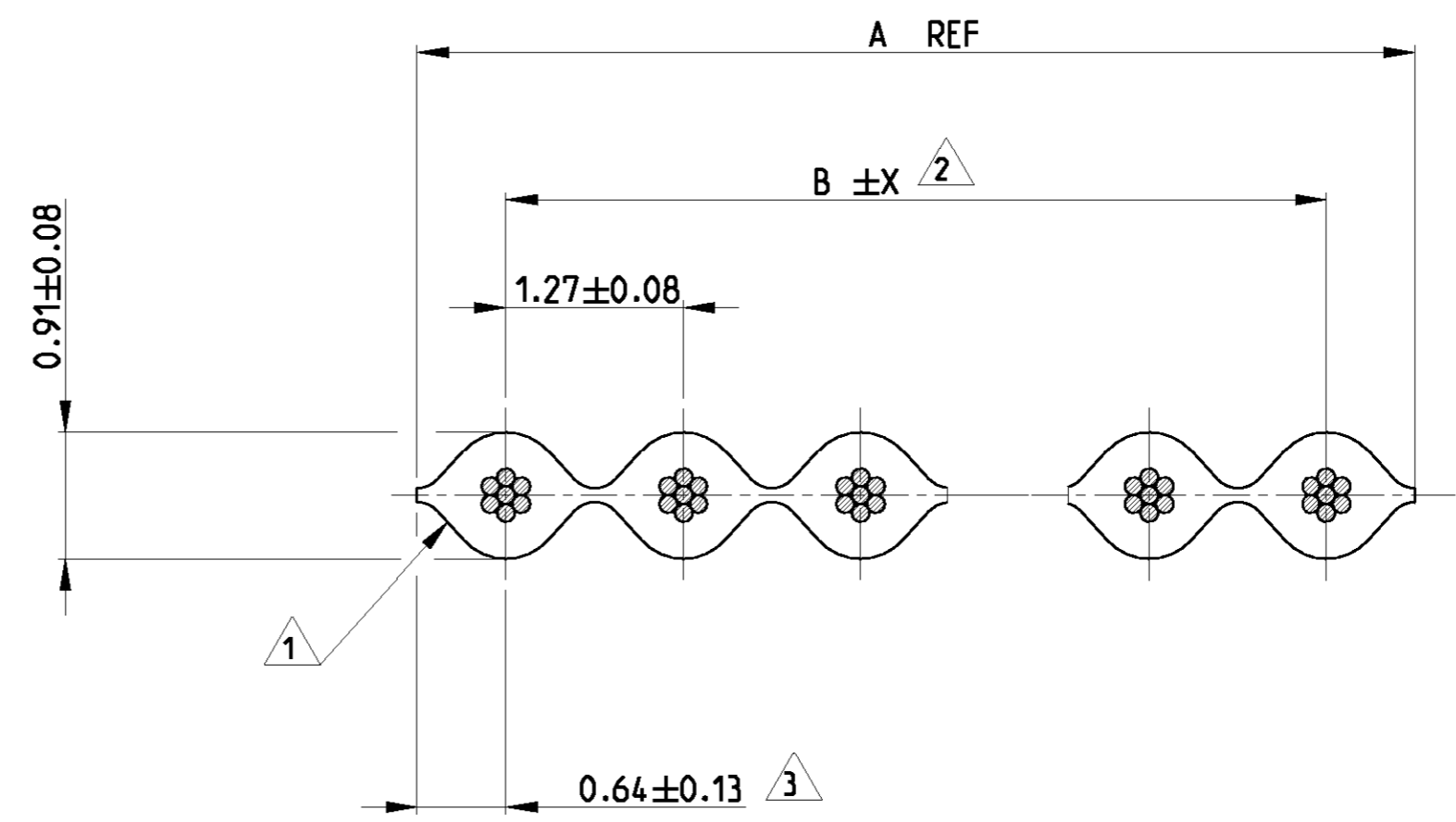
**TYPICAL CROSSTALK RISE CHARACTERISTICS**  
 3.05m SAMPLE 1 LINE DRIVEN

RISE TIME 3.0nS 7.0 nS

NEAR END 5.0% 3.2%

FAR END 6.7% 2.7%

UL STYLE NO. 2651



INSULATION OF FIRST CONDUCTOR MARKED WITH A BLUE LINE WITH FURTHER ALTERNATING RED AND BLUE MARKINGS EVERY 5TH CONDUCTOR



DIMENSION B TOLERANCE X  
 ... 14 CONDUCTORS ±0.18  
 15 ... 37 CONDUCTORS ±0.25  
 38 ... CONDUCTORS ±0.38



ACCUMULATION OF PITCH TOLERANCE BETWEEN CONDUCTORS IN ENTIRE CABLE MAY NOT EXCEED TOLERANCE OF DIMENSION B



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

DIMENSIONS: <b>mm</b> 		TOLERANCES UNLESS OTHERWISE SPECIFIED: <b>±0.1</b> 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		DWN <b>G.ACKERMANN</b> 18NOV2002 CHR <b>M.SCHLEIHAUF</b> 19NOV2002 APVD <b>G.FELDMEIER</b> 19NOV2002 PRODUCT SPEC APPLICATION SPEC WEIGHT -			
MATERIAL -		FINISH -		NAME		<b>FLAT CABLE 28 AWG STRANDED PVC INSULATION</b>	
				SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
				A3	00779	C=1437356	-
CUSTOMER DRAWING				SCALE	SHEET	OF	REV
				20:1	2	2	