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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

A1

-

A2

REVISED PER ECO-11-005294

29APR11

RK

HMR

HIGH FLEX LIFE 1.27mm FLAT CABLE

ANSLEY 185 SERIES

WIRE GAUGE 28 AWG (19/40) STRANDED

INSULATION PVC, GREY

TEMPERATURE RATING 105 °C

VOLTAGE RATING 300V rms

IMPEDANCE 100Ω

CAPACITANCE 46pF/m

INDUCTANCE 0.51μH/m

VELOCITY OF PROPAGATION 4.53nS/m

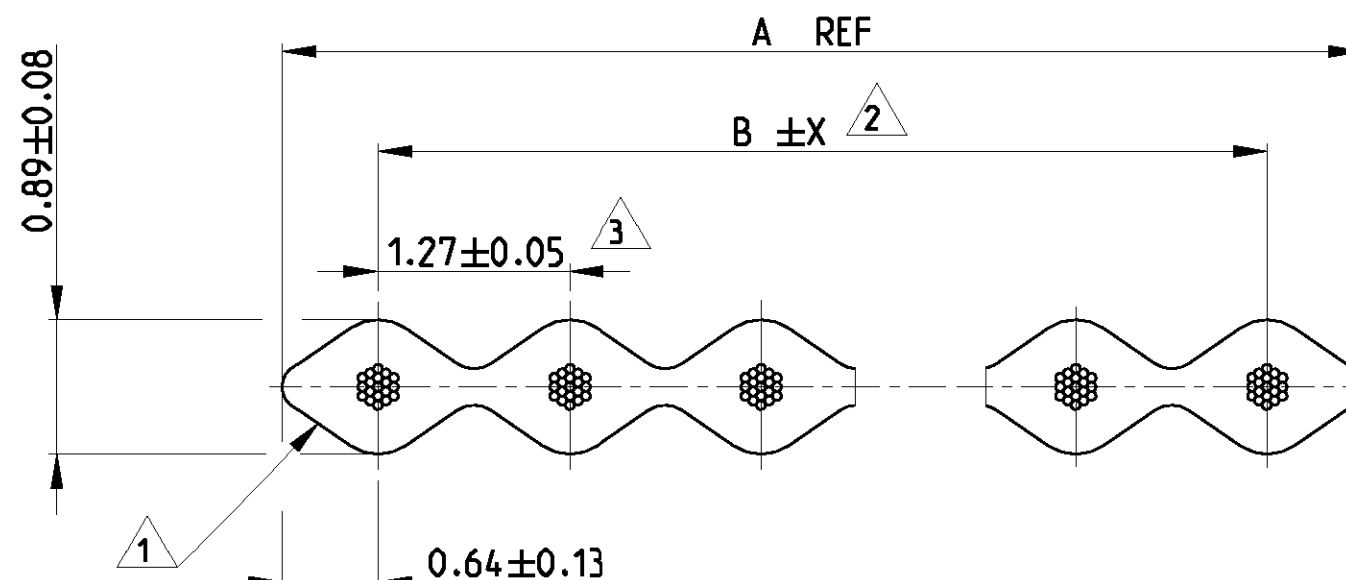
INSULATION RESISTANCE 10¹⁰ ΩTYPICAL CROSSTALK RISE CHARACTERISTICS
3.05m SAMPLE 1 LINE DRIVEN

RISE TIME 3.0nS 7.0 nS

NEAR END 5.0% 3.2%

FAR END 6.7% 2.7%

UL STYLE NO. 2651



DIM. A	DIM. B	NO. OF COND.	REEL LENGHT 30.5m	TE CONNECTIVITY - PN	OLD PN
12.70	11.43	10	0-1437361-3	185-10	
17.78	16.51	14	0-1437361-8	185-14	
20.32	19.05	16	1-1437361-5	185-16	
25.40	24.13	20	1-1437361-8	185-20	
30.48	29.21	24	2-1437361-3	185-24	
33.02	31.75	26	2-1437361-8	185-26	
43.18	41.91	34	3-1437361-4	185-34	
50.80	49.53	40	4-1437361-0	185-40	
63.50	62.23	50	4-1437361-7	185-50	

1

INSULATION OF FIRST CONDUCTOR MARKED WITH
A BLACK LINE

2

DIMENSION B TOLERANCE X
... 14 CONDUCTORS ±0.18
16 ... 34 CONDUCTORS ±0.28
40 ... CONDUCTORS ±0.38

3

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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN 18MAR2003 G.ACKERMANN		TE Connectivity	
mm		±0.1		CHK 19MAR2003 M.SCHLEIHAUF		NAME	
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		APVD 21MAR2003 G.FELDMER		HIGH FLEX LIFE FLAT CABLE 28 AWG STRANDED PVC INSULATION	
MATERIAL -		FINISH -		PRODUCT SPEC -		SIZE	
				APPLICATION SPEC -		CAGE CODE	
				WEIGHT -		DRAWING NO	
				CUSTOMER DRAWING		RESTRICTED TO	
				SCALE 20:1		SHEET 1 OF 1	
						REV A2	