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RELEASED FOR PUBLICATION

2000

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

A1

-

0

RELEASED (FJ00-1640-00)

15NOV2000

S.M.

-

A1

PART NUMBERS CHANGED TO TYCO

19MAR2003

ACK

GF

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

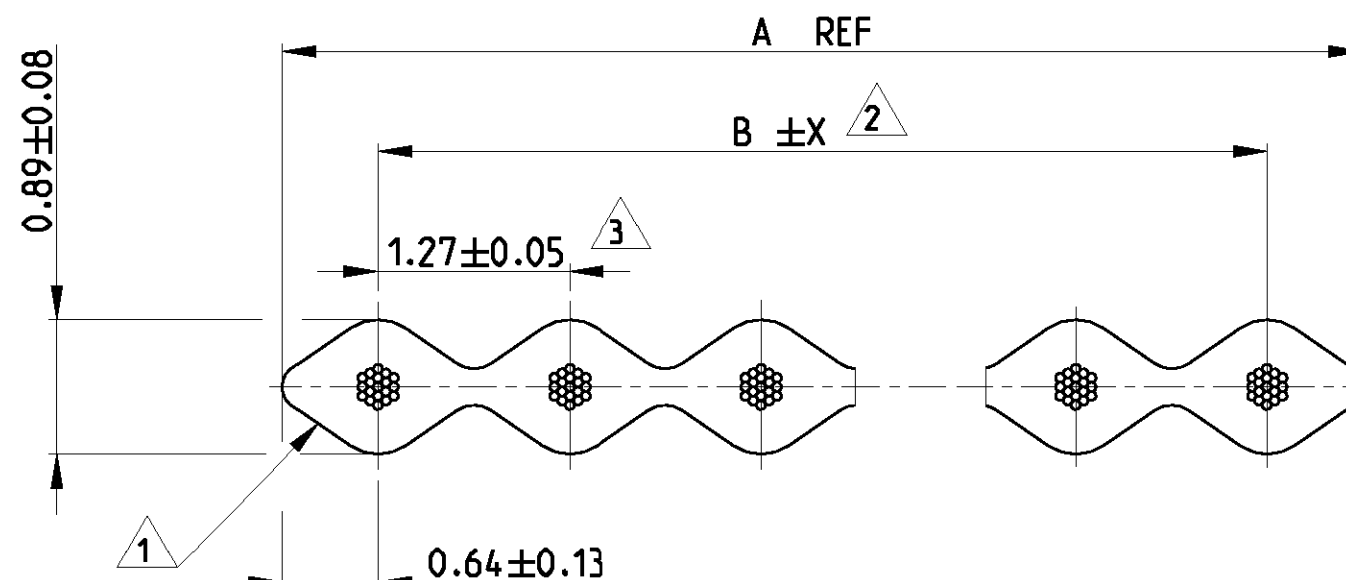
5.0% 3.2%

FAR END

6.7% 2.7%

UL STYLE NO.

2651



		REEL LENGHT 30.5m		
DIM. A	DIM. B	NO. OF COND.	TYCO - 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

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 18MAR2003 CHK M.SCHLEIHAUF 19MAR2003 APVD G.FELDMER 21MAR2003	tyco Electronics tyco Electronics AMP GmbH D - 67346 Speyer	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.1 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME HIGH FLEX LIFE FLAT CABLE 28 AWG STRANDED PVC INSULATION
MATERIAL -		FINISH -		SIZE A3
		WEIGHT -		CAGE CODE 00779
		PRODUCT SPEC -		DRAWING NO C=1437361-3
		APPLICATION SPEC -		RESTRICTED TO -
		CUSTOMER DRAWING		SCALE 20:1
		SHEET 1 OF 1		REV A1