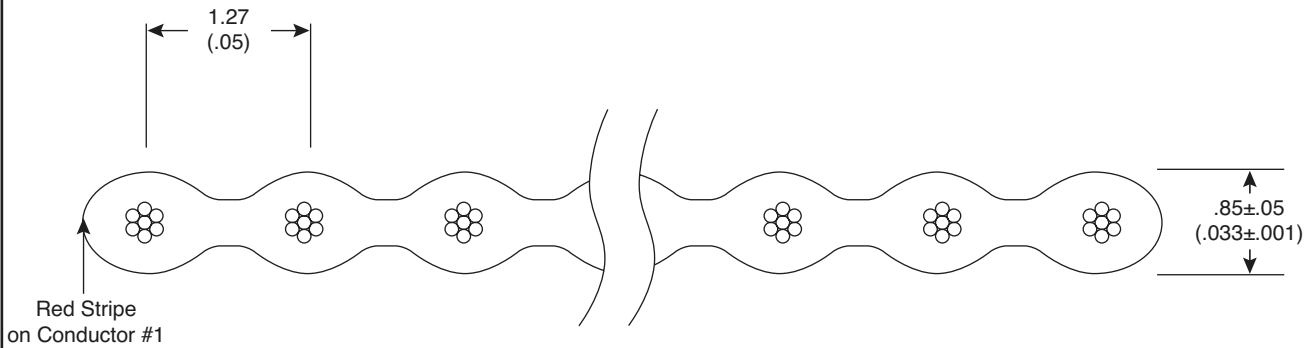


IDC Flat Cables (100')



172-0902-E, 172-1010-E, 172-1402-E, 172-1602-E, 172-2002-E, 172-2502-E,
172-2602-E, 172-3402-E, 172-4002-E, 172-5002-E, 172-6402-E

IDC Flat Cables (100')



DIMENSIONS: mm (in.)

MATERIALS

Conductor:	stranded 28 AWG 7 conductor
Insulation:	polyvinyl chloride (PVC)
Color:	Grey w/Red Stripe
Insulation thickness average:	9mm
Min. insulation thickness:	7mm
RoHS Compliant	

ELECTRICAL SPECIFICATIONS

Rate temperature:	105°C
Rate voltage:	300V
Dielectric strength:	2KV in 1 min.
Conductor resistance:	max. 237Ω/km
Insulation resistance:	min. 1GΩ/m
Inductance:	1.45μH/M
Impedance:	100Ω
Propagation delay time:	4.2ns/m

Mouser Stock No.	Number of Conductors
172-0902-E	9
172-1010-E	10
172-1402-E	14
172-1502-E	15
172-1602-E	16
172-2002-E	20
172-2502-E	25
172-2602-E	26
172-3402-E	34
172-4002-E	40
172-5002-E	50
172-6002-E	60
172-6402-E	64

172-0902-E, 172-1010-E, 172-1402-E, 172-1602-E, 172-2002-E, 172-2502-E,
172-2602-E, 172-3402-E, 172-4002-E, 172-5002-E, 172-6402-E

Date Last Revised: 03/08/07

Available from Mouser Electronics
1-800-346-6873 / www.mouser.com

KC-301131

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[172-5002-E](#) [172-6402-E](#)