CONDUCTOR SPECIFICATIONS:

CONDUCTOR No.	n - NUMBER OF CIRCUITS
CONDUCTOR:	
MATERIAL	STRANDED TINNED COOPER
A.W.G.	28
STRANDING QTY/mm	7/0.127
TENSILE STRENGTH	N/A
INSULATION:	
MATERIAL	PVC
MIN. WALL THICKNESS	N/A
COLOR	N/A
POLARITY	N/A
OUTSIDE DIAMETER	0.92 ± 0.05
DIRECTION OF LAY	N/A
LENGTH OF LAY	N/A
U.L. RATING	2651
FLAME RATING	VDE 0472
TEMPERATURE RATING	-20°C to +105°C
MARKINGS	N/A
PITCH	1.27 ± 0.05
BRIDGE / WEB THICKNESS	0.18 (REF.)

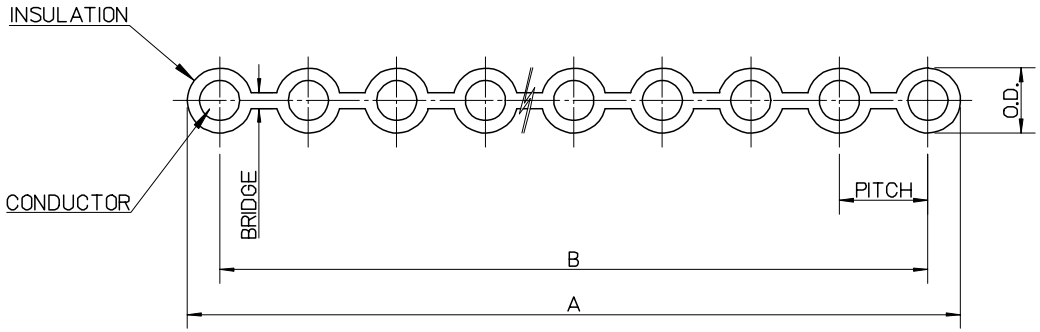
CONDUCTOR SPECIFICATIONS:

VOLTAGE RATING	max. 300 V
CURRENT RATING	1.2 A
INSULATION RESISTANCE	20 M ohms x Km.min.
DIELECTRIC WITHSTAND	2000 V
CONDUCTOR RESISTANCE	230 ohms/Km
CAPACITANCE	45 pF/m

A = n x 1.27

B = [(n - 1) x 1.27] + O.D.

TOLERANCES: n = 20: +/-0.20
n = 40: +/-0.30
n = 64: +/-0.40



NOTE:

1. ALL MATERIALS COMPOUNDS TO BE LEAD FREE.
2. SEE PACKAGING SPECIFICATION ESTABLISHED BY LOCAL PURCHASING AND MANUFACTURING DEPARTMENTS.

REV	DESCRIPTION
B	CHANGED CURRENT EC NO: E2005-0541 DRWN:DMIKOLAJOV 2004/12/21 CH'KD:I. DIDEK 2004/12/21 APPR:VPUCHY 2004/12/22

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ± .5 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 10:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: DMIKOLAJ	DATE: 2004/12/15	TITLE: WIRE SPECIFICATION	
CHECKED BY: I.DIDEK	DATE: 2004/12/15		
APPROVED BY: V.PUCHY	DATE: 2004/12/15	molex MOLEX INCORPORATED	
MATERIAL NO.: -		DOCUMENT NO.: ES-99027-0006	SHEET NO.: 1 OF 1
SIZE: A4			

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