

1

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TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR MATERIAL: PET (WHITE)
 SUPPORT TAPE: PET (BLUE)
 CONTACT MATERIAL: COPPER
 CONTACT PLATING: TIN
 QUALITY CLASS: 20 MATING CYCLES MIN.
 PITCH: 1.00 MM

ENVIRONMENTAL
 OPERATING TEMPERATURE: -30°C UP TO 105°C
 HEAT RESISTANCE: 110°C x 96 HRS
 FLAMMABILITY RATING UL SUB.758
 MOISTURE RESISTANCE: 40°C, 95% RH x 96 HRS
 COMPLIANCE: LEAD FREE AND ROHS

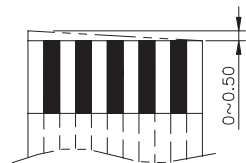
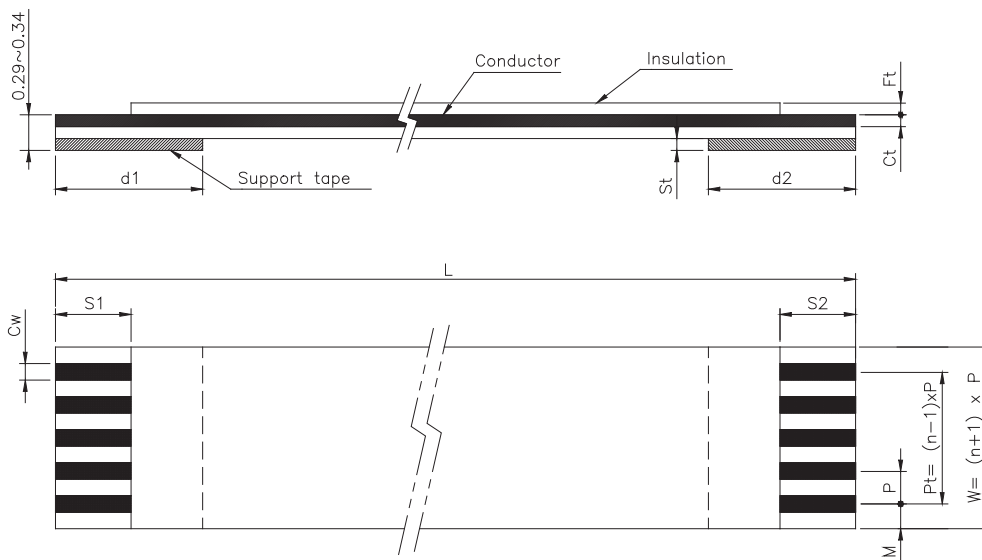
ELECTRICAL
 CURRENT RATING: 1.0 A MAX
 WORKING VOLTAGE: 60V
 INSULATION RESISTANCE: >1000 MOHM/M (500 VDC)
 DIELECTRIC STRENGTH: 500 VAC/MN NO BREAKDOWN
 CONDUCTOR RESISTANCE: <1.09 OHM/M
 CONTACT RESISTANCE: <20 mOHMS

STANDARD
 CERTIFIED: E328849

MECHANICAL
 ELONGATION OF INSULATOR: > 60 %
 TENSIL STRENGTH OF INSULATION: >3.5KG/MM²
 FLEXING TEST: 180° >20 TIMES
 ABRASION: >10000 TIMES
 PULL/OUT: >20 TIMES

PACKAGING
 BAG

DIMENSION & TOLERANCE
 $W = (N+1) \times P$
 $Pt = (N-1) \times P$



Tolerance of Cutting Tilt

TOLERANCE:

Abbr.	TOLERANCE	
	P=0.5	P=1.0
P	±0.05	±0.08
Pt	±0.08	±0.10
W	±0.08	±0.10
M	±0.08	±0.12
Cw	±0.02	±0.03
L	(30~100)±3, (101~300)±5, (301~600)±10, (Length more than 601mm)±15mm	

No. of PIN	Dimension												
	P	Pt	L	W	M	Cw	Ct±0.01	St±1.0	S2±1.0	d1±2.0	d2±2.0	Ft±0.01	St±0.01
XX	1.0	(XX - 1) x P	LLL	(XX + 1) x P	1.0	0.70	0.035	5.0	5.0	10.0	10.0	0.043	0.225

RoHS Compliant

I	05-AUG-15	TEMPERATURE	AK
H	21-JAN-13	CT DIM	QL
REV	DATE	FILE	BY

PROJECTION: 	GENERAL TOLERANCE .X = +/_ 0.2 .XX = +/_ 0.15
APPROVAL: GMo	UNIT: MM SCALE: SHEET: 1/2 DRAW: CH

DESCRIPTION: 1.00MM FLAT FLEXIBLE CABLE TYPE 1
 XX NB OF PIN: / LLL OVERALL LENGTH: MM
 WERI PART NO: 686 6 001
 XX LLL

SIZE
A4

A

B

C

D

1

2

3

4

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Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

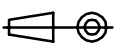

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE A4
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 2/2	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D

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