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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: 0.50 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: 0.5 A MAX
WORKING VOLTAGE: 60V
INSULATION RESISTANCE: >1000 MOHM/M (500 VDC)
DIELECTRIC STRENGTH: 500 VAC/MN NO BREAKDOWN
CONDUCTOR RESISTANCE: <1,40 OHM/M
CONTACT RESISTANCE: <20 MOHMS

STANDARD

 CERTIFIED: E328849

MECHANICAL

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

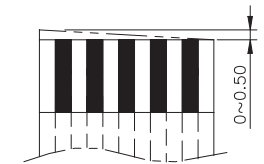
PACKAGING

BAG

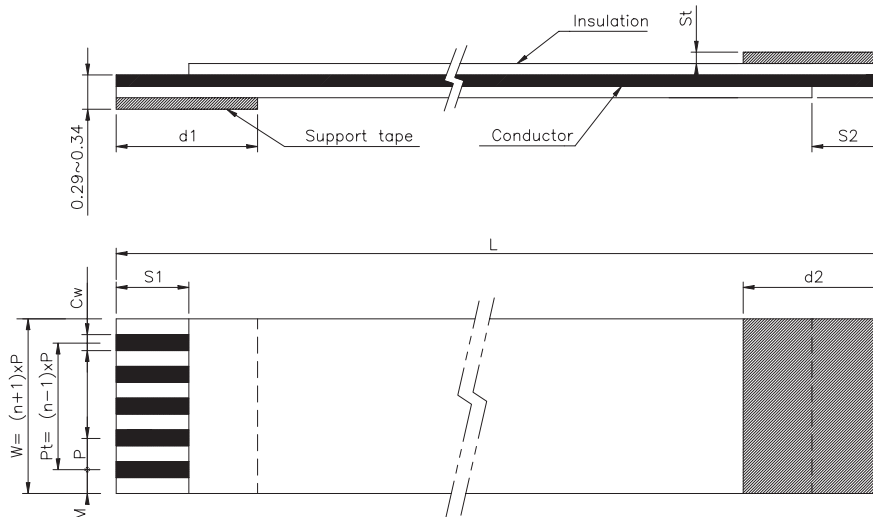
DIMENSION & TOLERANCE

W= (N+1) x P

Pt=(N-1) x 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	S1±1.0	S2±1.0	d1±2.0	d2±2.0	Ft±0.01	St±0.01
XX	0.5	(XX - 1 x P)	LLL	(XX + 1 x P)	0.5	0.3	0.05	4.0	4.0	8.0	8.0	0.043	0.225

RoHS Compliant

				PROJECTION: 	GENERAL TOLERANCE .X = +/_ 0.2 .XX = +/_ 0.15	 WÜRTH ELEKTRONIK			
				APPROVAL: GMo	UNIT: MM	DESCRIPTION: 0.50MM FLAT FLEXIBLE CABLE TYPE 2			SIZE
					SCALE:				
H	05-AUG-15	TEMPERATURE	AK		SHEET: 1/2	WERI PART NO: 687 7 002			
REV	DATE	FILE	BY		DRAW: CH				

