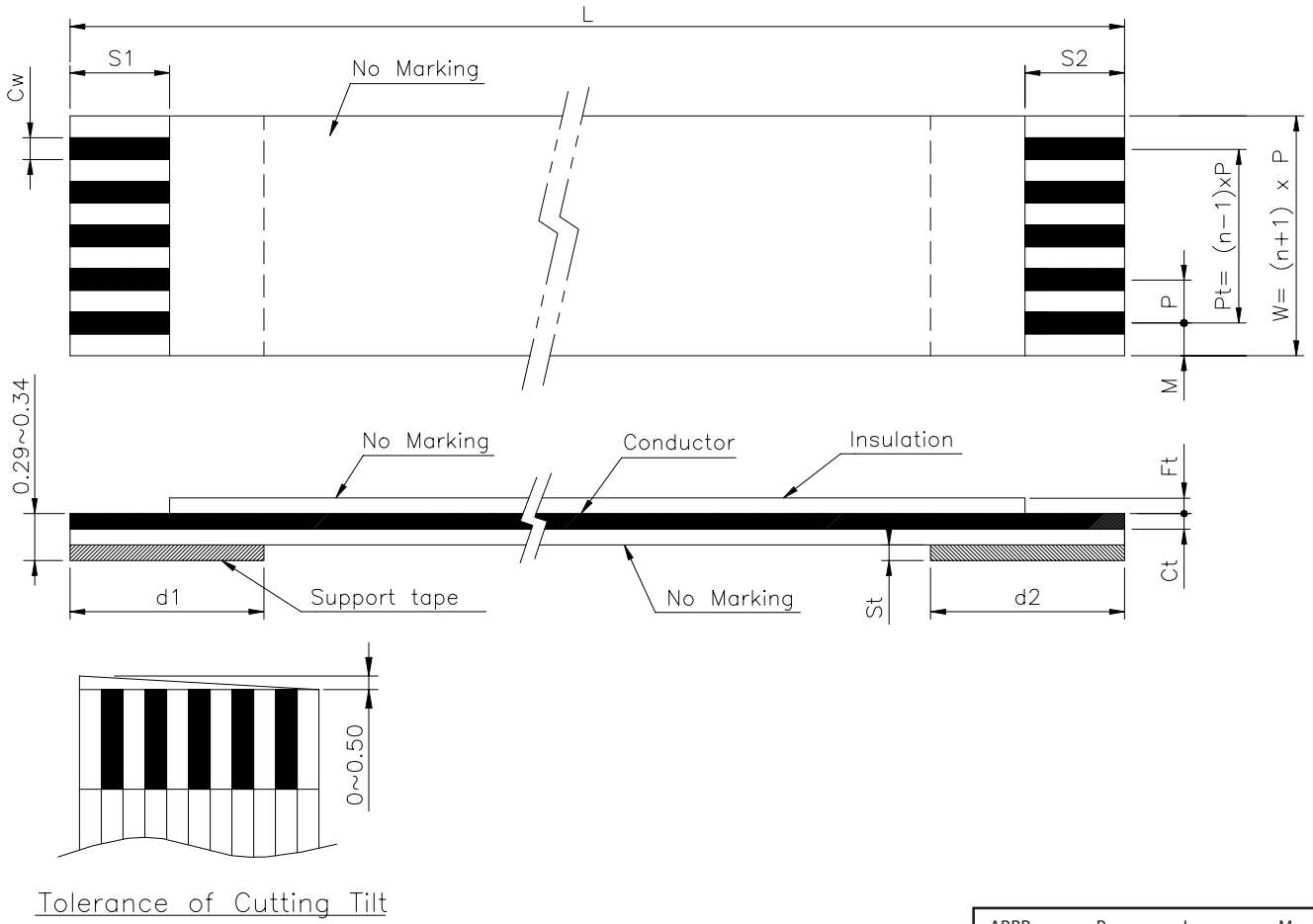

Tolerance of Cutting Tilt

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: 85°C x 95 HRS
FLAMMABILITY RATING UL SUB.758
MOISTURE RESISTANCE: 40°C, 95% RH x 96 HRS
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
CURRENT RATING: 1A MAX
WORKING VOLTAGE: 60V
INSULATION RESISTANCE: >1000 MOHM/M (500 VDC)
DIELECTRIC STRENGHT: 500 VAC/MN NO BREAKDOWN
CONDUCTOR RESISTANCE: <0.33 OHM/M
CONTACT RESITANCE: <20 mA

MECHANICAL
ELONGATION OF INSULATOR: >60 %
TENSIL STRENGHT 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

ABBR.	P	L	M	Ct	Cw	S1	S2	D1	D2
VALUE	1.00	50	1.0	0.10	0.7	5.0	5.0	10.0	10.0
TOLER.	±0.08	±3	±0.12	±0.01	±0.03	-1.0	±1.0	±2.0	±2.0

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B	07-FEB-08	INSULATOR ELONG.	CH
A	11-DEC-07	PDF	EC

PROJECTION:

GENERAL TOLERANCE
.X = +/- 0.2
.XX = +/- 0.15

APPROVAL: RJ

UNIT: MM
SCALE:
SHEET: 1/1
DRAW: CH

WÜRTH ELEKTRONIK

DESCRIPTION: 1.00MM FLAT FLEXIBLE CABLE TYPE 1 L=50MM

WERI PART NO: 6866 xx 050 001

SIZE **A4**