

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

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WORKING VOLTAGE: 60V

INSULATION RESISTANCE: >1000 MOHM/M (500 VDC)

DIELECTRIC STRENGHT: 500 VAC/MN NO BREAKDOWN

CONDUCTOR RESISTANCE: $<1.09 \text{ OHM/M}$

CONTACT RESISTANCE: <20 mOHMS

STANDARD

UL CERTIFIED: E328849

MECHANICAL

ELONGATION OF INSULATOR: > 60 %

TENSIL STRENGHT OF INSULATION: >3.5KG/MM²

FLEXING TEST: 180° >20 TIMES

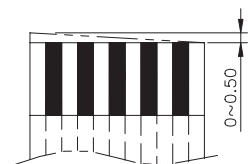
ABRASION: >10000 TIMES

PULL/OUT: >20 TIMES

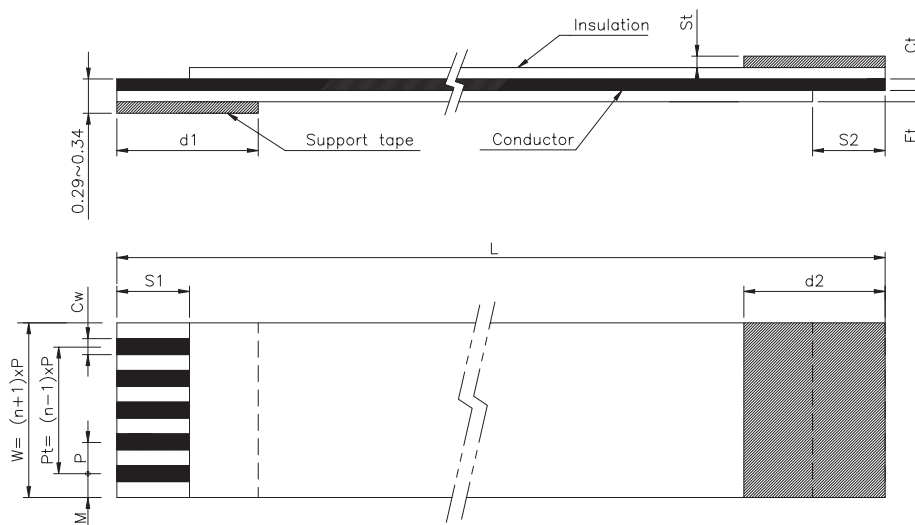
PACKAGING

BAG

DIMENSION & TOLERANCE

$$W = (N+1) \times P$$
$$P_t = (N-1) \times P$$


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	S±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				PROJECTION:		GENERAL TOLERANCE			
						$.X = +/_ 0.2$ $.XX = +/_ 0.15$			
				APPROVAL: GMo		UNIT: MM		DESCRIPTION: 1.00MM FLAT FLEXIBLE CABLE TYPE 2	
I	05-AUG-15	TEMPERATURE	AK			SCALE:		XX NB OF PIN: / LLL OVERALL LENGTH: MM	
H	23-SEP-13	CT DIM	QL			SHEET: 1/2		WERI PART NO: 686 7 001	
REV	DATE	FILE	BY			DRAW: CH		X X I I I	
								A4	

