

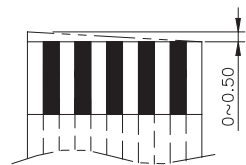
1

2

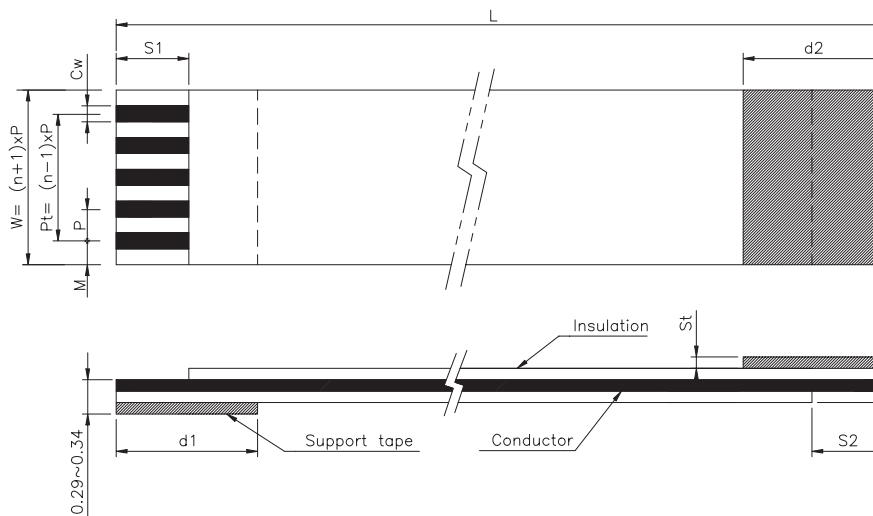
3

4

5



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: 0.50 MM

## ENVIRONMENTAL

OPERATING TEMPERATURE: -30°C UP TO 105°C  
HEAT RESISTANCE: 105°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: 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/MM<sup>2</sup>  
FLEXING TEST: 180° >20 TIMES  
ABRASION: >10000 TIMES  
PULL/OUT: >20 TIMES

## PACKAGING

BAG

## DIMENSION &amp; TOLERANCE

W= (N+1) x P  
Pt=(N-1) x P

## TOLERANCE:

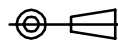
Abbr.	TOLERANCE	
	P=0.5	P=1.0
P	±0.05	±0.08
Pt	±0.08	±0.10
W	±0.08	±0.10
M	±0.08	±0.12
Cw	±0.02	±0.03
L	(30~100)±3, (101~300)±5, (301~600)±10, (Length more than 601mm)±15mm	

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

REV	DATE	FILE	BY
G	21-JAN-13	CT DIM	QL
F	21-JUN-12	TOERANCE	GG
E	27-FEB-12	OHMS	GG
D	02-SEP-11	MARKING	GG
C	28-SEP-10	TEMPERATURE	GG
B	27-OCT-09	STANDARD	JP
A	03-FEB-09	PDF	CH

## PROJECTION:



## GENERAL TOLERANCE

.X =  $\pm$  / 0.2

.XX =  $\pm$  / 0.15



## APPROVAL: RJ

UNIT: MM

SCALE:

SHEET: 1/1

DRAW: CH

DESCRIPTION: 0.50MM FLAT FLEXIBLE CABLE TYPE 2

XX NB OF PIN: ..... / LLL OVERALL LENGTH: ..... MM

WERI PART NO: 687 7 ..... 002

XX L L L

SIZE

A4