

**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 STRENGTH: 500 VAC/MN NO BREAKDOWN  
 CONDUCTOR RESISTANCE: <0.33 OHM/M  
 CONTACT RESISTANCE: <20 mA

**STANDARD**  
 IEC CERTIFIED: E328849

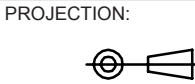
**MECHANICAL**  
 ELONGATION OF INSULATOR: >60 %  
 TENSIL STRENGTH OF INSULATOR: >3.5KG/MM²  
 FLEXING TEST: 180° >20 TIMES  
 ABRASION: >10000 TIMES  
 PULL/OUT: >20 TIMES

**PACKAGING**  
 BAG

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

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			
G			
F			
E			
D			
C	27-OCT-09	STANDARD	JP
B	07-FEB-08	INSULATOR ELONG.	CH
A	11-DEC-07	PDF	EC
REV	DATE	FILE	BY



GENERAL TOLERANCE  
 $.X = \pm 0.2$   
 $.XX = \pm 0.15$



APPROVAL: RJ

UNIT: MM

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

SIZE

SCALE:

WERI PART NO: 6866 xx 050 001

**A4**

SHEET: 1/1

DRAW: CH