



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

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 mΩ

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

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

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		DESCRIPTION: 1.00MM FLAT FLEXIBLE CABLE TYPE 2 L=50MM WERI PART NO: 6867 xx 050 001	SIZE A4
G								
F								
E								
D								
C				APPROVAL: RJ	UNIT: MM			
B	07-FEB-08	INSULATOR ELONG.	CH		SCALE:			
A	11-DEC-07	PDF	EC		SHEET: 1/1			
REV	DATE	FILE	BY		DRAW: CH			