



- SPECIFICATIONS:
- MATERIAL:
 - MOLDED PORTION: LCP (UL94 V-0)
 - CONTACT AND POST: COPPER ALLOY
 - SURFACE TREATMENT:

TERMINAL PORTION: BASE: NICKEL PLATING ALL OVER;
 GOLD PLATING CONTACT : AU PLATING ALL OVER;
 SOLDER AREA : AU PLATING ALL OVER
 - CHARACTERISTICS:
 - RATED VOLTAGE: 50V AC/DC
 - RATED CURRENT: POWER PIN 3A/CONTACTO;
 SIGNAL PIN 0.3A/CONTACT (MAX. 5A AT TOTAL CONTACT)
 - INSULATION RESISTANCE: MIN. 1000MΩ (INITIAL)
 - BREAKDOWN VOLTAGE: 250V AC FOR 1 MIN.
 - SALTWATER SPRAY RESISTANCE (HEADER AND SOCKET MATED):
 48 HOURS, INSULATION RESISTANCE MIN. 1000MΩ,
 CONTACT RESISTANCE Δ20mΩ
 - CONTACT RESISTANCE: POWER PIN 20mΩ MAX;
 SIGNAL PIN 50mΩ MAX
 - AMBIENT TEMPERATURE: -55°C - +85°C
 - STORAGE TEMPERATURE: -55°C - +85°C (PRODUCT ONLY);
 -40°C - +50°C (EMBOSS PACKING)
 - WARRANTY PERIOD: 12 MONTH
 - COMPOSITE INSERTION FORCE: 1.5N/PIN MAX (40N MAX TOTAL)
 - COMPOSITE REMOVAL FORCE: 0.15N/PIN MIN.
 - DURABILITY: 30 TIMES

NUMBER OF CONTACTS	DIM A	DIM B	DIM C
10	3.57	2.12	1.40
24	6.02	4.57	3.85
30	7.07	5.62	4.90
34	7.77	6.32	5.60
38	8.47	7.02	6.30
40	8.82	7.37	6.65
50	10.57	9.12	8.40

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RoHS Compliant

DRAWING BY CY
 CHECKED BY GENIUS
 UNIT / mm SCALE 1:1
 DATE
 SIZE A4 PPROJECTION

TOLERANCES ARE
 X ±
 .X ± 0.30
 .XX ± 0.20
 .XXX ± 0.10
 ANG ±



ORDER INFORMATION

NP03510-P01X-xxx-LF

SERIES	LEADFREE
	010-050WAY
	NON POST
	UNMATED HIGH 0.1mm
	MALE

DESCRIPTION: 0.35PH 0.7MM組合高 Male