



P.C.B LAYOUT

| REVISION DATA | | |
|---------------|-------------|------------|
| REV | DESCRIPTION | DATE |
| A0 | NEW DRAWING | 2011-04-21 |

Technical Data

Material:
 Contact Material: Phosphor Bronze
 Contact plating: Au or Sn Over 50μ" Ni
 Insulator Material: Black Polyester UL94V-0
 Standard: PBT/PA6T+30%G.F

Electrical:
 Current rating: 3.0Amps/contact max.
 Contact resistance: ≤20mΩ/contact
 Insulation resistance: ≥1000MΩ at V=100V
 Withstanding Voltage: 1000V AC/minute

Mechanical:
 Mechanical life cycle: min.200
 Operating temperature: -40°C to +105°C
 Soldering temperature: +255°C

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|-------------------------|-----------------|---------------|---|----------------|---------------------------|--|-------------------------------------|--------------------------|---------------------------|----------------|
| PM | 1 | 85 | 12 | XXX | D | XX | X | N | U | 032 |
| P/N PM=Female Header | Pitch 1=2.54 | H 85=8.5mm | Product Type 12= Single Fixing Dual Rows | Pins 04~80P | Right Angle Type D=DIP | Surface Plating SN Tin100u" GF Gold Flash G1 Gold 1u" G2 Gold 2u" G3 Gold 3u" G4 Gold 5u" G5 Gold 8u" G6 Gold 10u" G7 Gold 15u" G8 Gold 30u" | Housing Material A=PBT C=PA6T | Housing Type N=Normal | Terminal Type U=U Type | Terminal PC/PW |

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|-------------|------------|------------|---|
| TOLERANCE | PROJECTON | | TITLE: |
| ANGLE ±5° | DATE : | 2011-04-21 | PH 2.54 Female Header U Type H 8.5 PC 3.2 Dual Rows |
| X.XXX ±0.10 | DRAWN : | | PART NO: PM18512XXXDXXXNU032 |
| X.XX ±0.20 | CHECKED : | | DRAWING NO: PM18512DU038 |
| X.X ±0.30 | APPROVED : | | REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4 |
| X. ±0.50 | | | |