



A Type Recommended PCB Board Layout *B Type*

Technical Data

Material:

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

Electrical:

Current rating: 3Amps/contact max.
Contact resistance: $\leq 20m\Omega$ /contact
Insulation resistance: $\geq 1000M\Omega$ at V=100V
Voltage Rating: 550V AC/minute

Mechanical:

Mechanical life cycle: min.200
Operating temperatures: Gold Plated: -55°C to +105°C
Tin plated: -40°C to +105°C
Soldering temperature: PA6T: +260°C, 10s max.

Ordering Information

2M254-25-1S-XX-M3-X-G1-P2.601355

No. of Contacts	Material	A	B	P	Packaging Option
02-40pins	M1 PBT	G1 G/F	G2 Au2μ"	G3 Au3μ"	P1-Plastic Bag/Box
	M2 NYLON46/66	G2 Au2μ"	G3 Au3μ"	G5 Au5μ"	P2-Tube
	M3 NYLON 6T/9T	G2 Au2μ"	G3 Au3μ"	G5 Au5μ"	P3-Tube with cap
	M4 LCP	G2 Au2μ"	G3 Au3μ"	G5 Au5μ"	P4-Trey
		G0 Au10μ"	G7 Au15μ"	T0-Tin 150μ"	P5-Tape&Reel
					with lift cap/film
					GT-Duplex Plating



THIRD ANGLE PROJECTION

ALL DIMENSIONS ARE IN MM

TOLERANCE UNSPECIFIED

X. ± 0.35

XX ± 0.20

XXX ± 0.15

XXXX ± 0.05

X° $\pm 2^\circ$

XX° $\pm 1^\circ$



TITLE:

APPROVED BY:

CHECKED BY:

DATE:

SHEET:

REV:

SIZE:

PART NUMBER:

2M254-25-1S-XX-M3-A(B)-G1-X-P2.601355