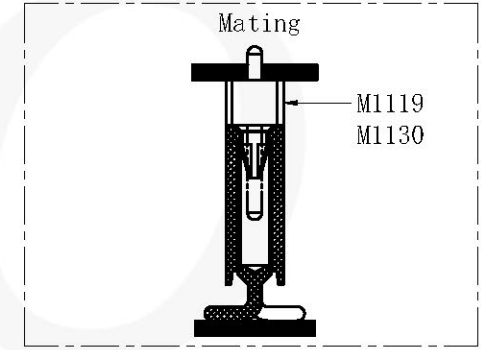


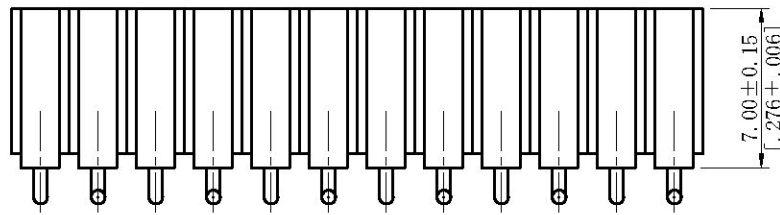
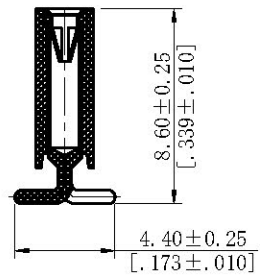
Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)

TECHNICAL SPECS:
 Current Rating: 3.0AMP
 Contact Resistance: 10mΩ Max
 Dielectric Strength: Min 1000Vrms
 Mechanical Life: Min 500 Cycles
 Mating Pin: Ø0.64 to Ø0.90mm
 Forces: (polished steel gauge Ø0.76mm)
 -insertion: 1.2N typ
 -withdrawal: 0.6N typ
 Operation Temperature: -40°C ~ +105°C

Material
 Sleeve: Brass
 Sleeve Plating: Au or Sn Over Ni.
 Contact Clip (6 finger): BeCu, Gold Flash Plated
 Insulator Material: Glass Filled Polyester (UL94V-0)
 Standard: PPS
 *Pin Part No.: MF1000A-BXX651XX001



Mating Pin
 ● Ø0.64 - Ø0.90mm
 ■ 0.64x0.64mm



Ordering Code:
 M2170-1 XX M XX 1000A X XX

No. of Pins 02~40	Clip/Sleeve Plating S0=GoldFlash/Tin S1=3u" Gold/Tin S2=5u" Gold/Tin S3=10u" Gold/Tin S4=15u" Gold/Tin S5=30u" Gold/Tin C0=Gold Flash SN=Tin	Packing A=Tray T=Tube P=Tube+CAP R=Tape& Reel+CAP M=Reel+ Mylar	Type 01=Type 1 02=Type 2
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THIS DRAWING IS A CONTROLLED DOCUMENT

UNITS mm/inch	SCALE FIT	SIZE A4
DRAWN BY <i>Xu</i>	DATE 7/30/2022	TITLE 2.54MM SIP SOCKET SINGLE ROW SMT H7.0 L10.0MM
ENGINEER <i>Zhang</i>	DATE 7/30/2022	PART NO. M2170-1XXMXX1000AXXX
CHECKED BY <i>Mike</i>	DATE 7/30/2022	DRAWING NO. M2170-M1000A
APPROVED BY <i>Andy</i>	DATE 7/30/2022	PROJ. FILE PATH 594309442 A/D/YTCOTZ/SIP SOCKET/2.54mm
0 PLC ± —	1 PLC ± 0.30/.012	2 PLC ± 0.25/.010
3 PLC ± 0.20/.008	4 PLC ± 0.10/.004	ANGLES ± 3°

