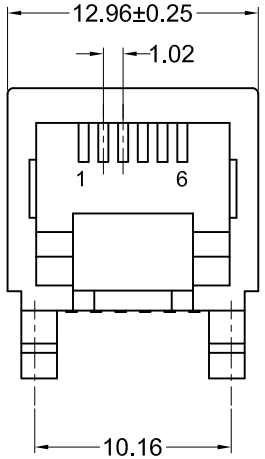
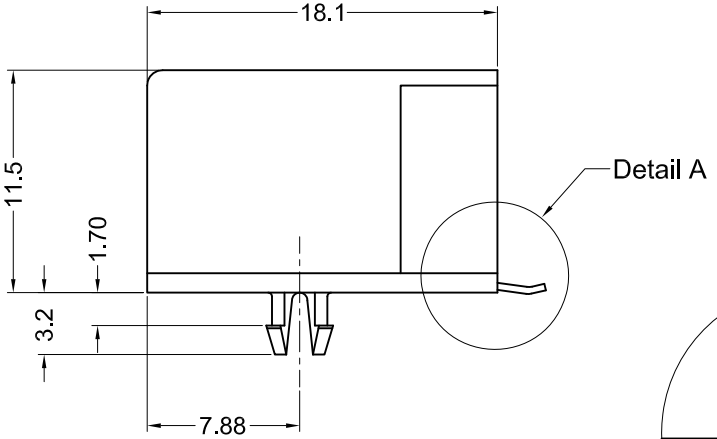
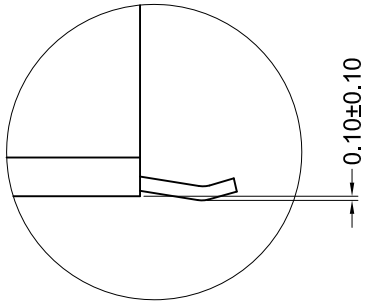
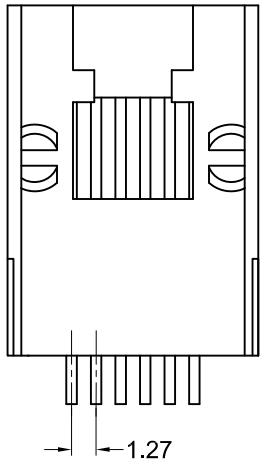
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330



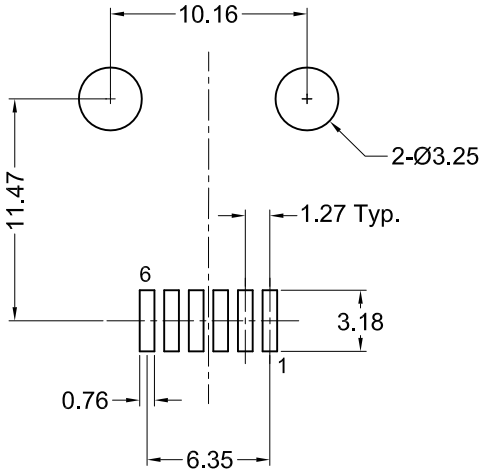




DETAIL A



Recommended PCB Layout
(Top View)



Materials and Finish

Housing Material:
high temp. thermoplastic,
(reflow process compatible)
UL 94V-0 rated, black color

Design meets UL 1863 Sec. 8
Electrical Probe and Sec. 20
Child Finger test requirements

Contact Material: phosphor bronze

Contact Plating Options:

Standard: 0.0001" Nickel
Plating, Selective Plating
Gold Flash on Contact
Area, Tin on Termination End

50: 0.0001" Nickel Plating,
Selective Plating 0.000050"
Gold on Contact Area to
Comply with FCC Requirements
Under No. 47 C.F.R. Part 68,
Subpart F, Tin on Termination End

Electrical Characteristics

Current Rating: 1.0 Amps

Current Voltage: 125V DC

Insulation Resistance:
500 Megohms min.

Dielectric Withstanding Voltage:
1000V rms, 60Hz

Contact Resistance:
20 milliohms max.

Durability Rating:
1000 mating cycles min.

Operating Temperature:
-40°C to +85°C

Part Number	Gold Plating	Packaging
GMX-SMT2-N-66	Flash	Bulk
GMX-SMT2-N-66-50	50u"	Bulk
GMX-SMT2-N-66-TR	Flash	Tape & Reel
GMX-SMT2-N-66-50TR	50u"	Tape & Reel

RoHS COMPLIANT

E134345 LR78160

Tolerances
X.X ± 0.38
X.XX ± 0.25
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY
A1	06/30/05	New Drawing	R. Aguirre	H. MA
A2	04/27/10	ECO #10-020	S. Vien	H. MA
A3	12/08/10	ECO #10-088	S. Vien	H. MA
A4	08/20/12	ECO #12-027	S. Vien	P. DalCanto
A5	11/06/13	ECO #13-084	W. Cook	H. MA
A6	05/28/15	ECO #15-001	H. MA	C. Furumasu

DRAWN BY	DATE
R. Aguirre	05/23/05
	UNITS
	mm

GMX-SMT2-N-66

Right Angle Modular Jack, RoHS Compliant

6 position, 6 contacts, Surface Mount

KYCON