

10/100BASE-T TRANSFORMER MODULES

PartNO:HX81606SP



Features:

Notice : This is a RoHS compliant component, All engineering changes must have prior approval by the design ce

Plastic: Thermoset plastic material with flammability rating UL 94V-0 or better

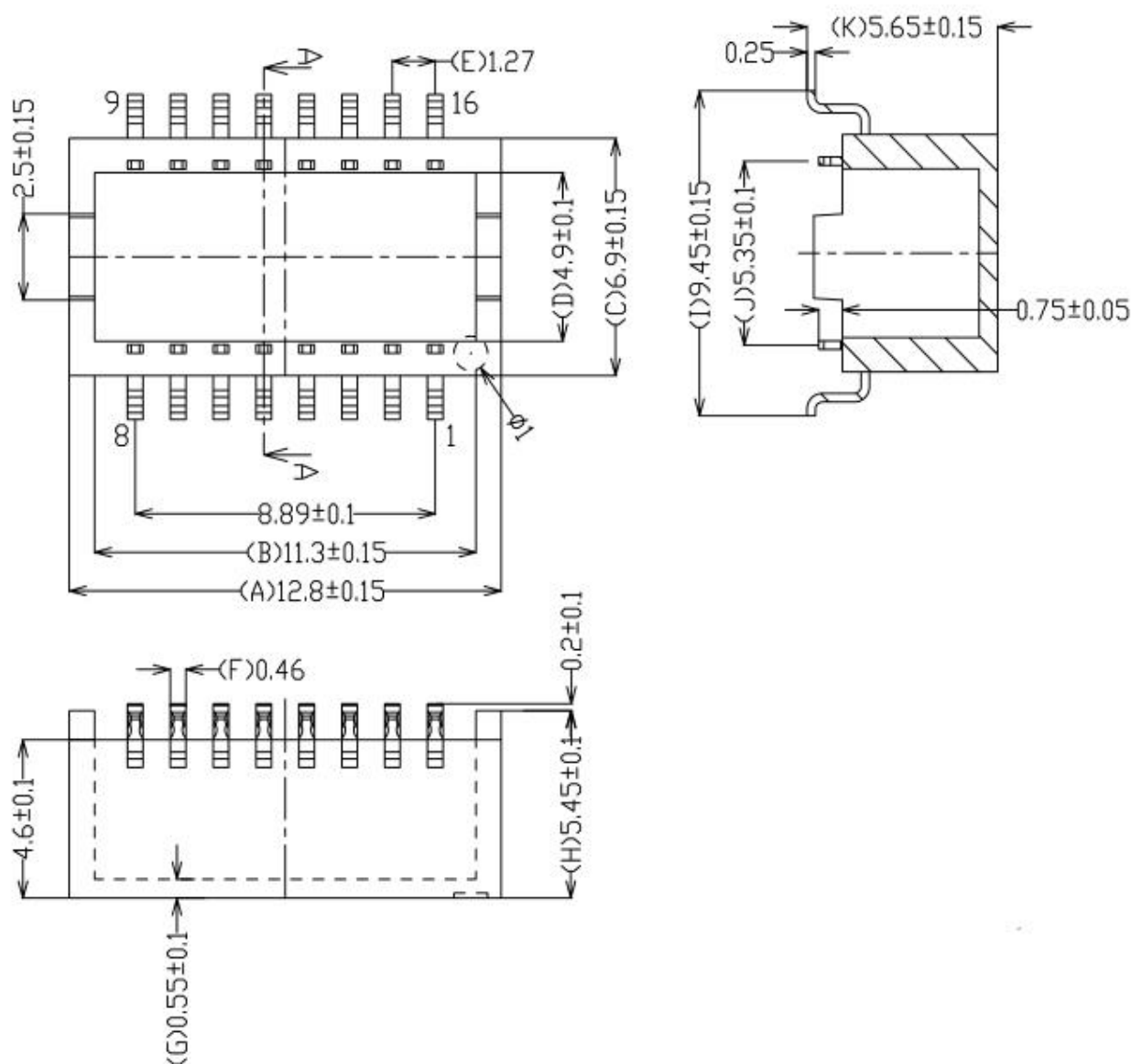
Solderability: Conforms to ANSI/J-STD-002, 245°C reflow peak temperature per IPC/EIA J-STD-003A

Designed to meet IEEE 802.3at requirement ,Available for PoE+720MA.

Operating temperature:-40° C~+85° C

Storage temperature:-55° C~+125° C

Dimension



Specifications

Electrical Specification@25° C Operating Temperature -40to +85° C							
Part NO	Trun Ratio(±2%		OCL primary@10 0KHz 0.1Vms 8mA	Leakage primary@10K Hz 0.1Vms	Cww(Pri:Sec)	DCR(Ω)	
	TX	RX				Primary	Secondary
HX81606SP	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	100pF Typ	0.65Max	0.65Max

Electrical Specification@25° C Operating Temperature 0 to +70° C									
Part NO	Insertion loss(dB max) 1-100MHz	Return Loss(db min)MHz				CMRR(dB min)MHz		Crosstalk(dB min)MHz	Isolation Voltage(Vrms min)
		1-30	40	50	60-	1-60	60-100	1-100	
HX81606SP	-1.2	-18	-18	-16	-12	-50	-50	-50	1500

Schematic

