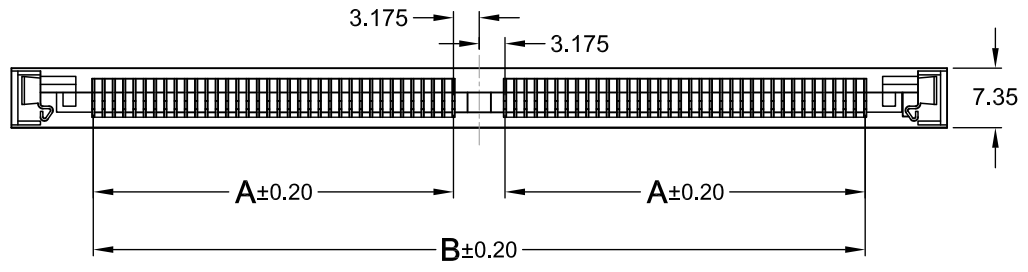
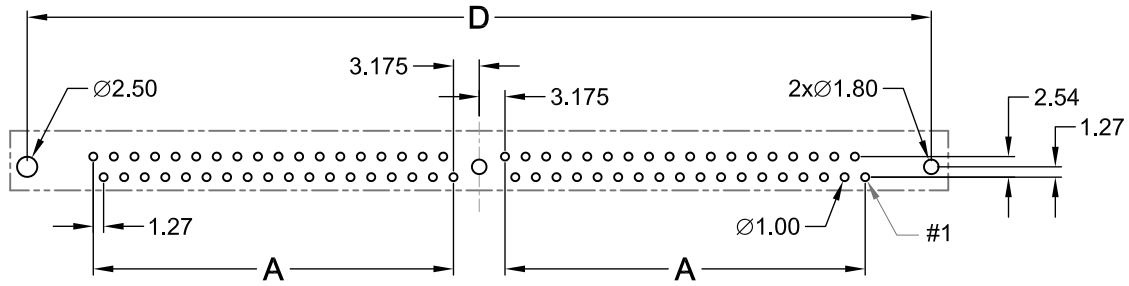
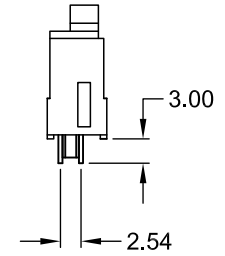
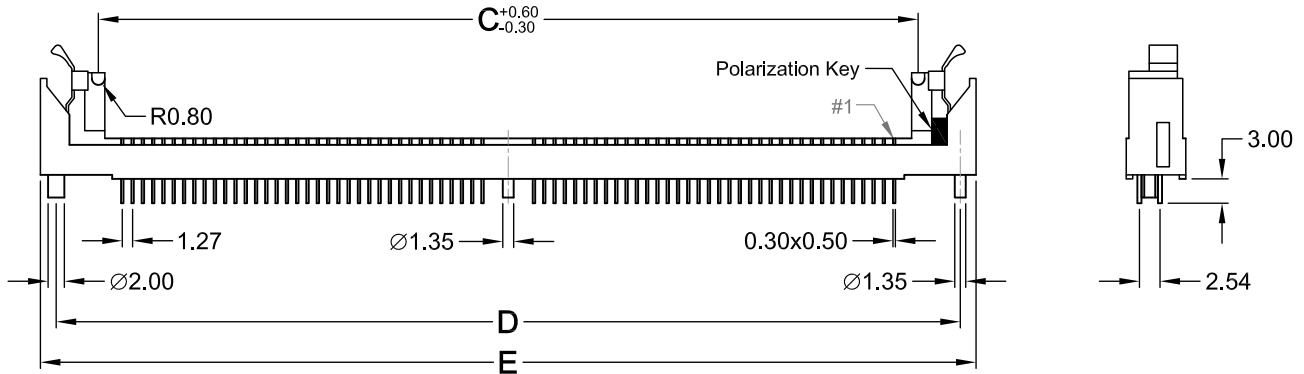


REV.	DESCRIPTION	DATE	DRAWN
A	New	19.01.2021	Ryan



Order Code
SM1-xxx-TV99-99/1M

No. of Contact	Dimension mm				
	A	B	C	D	E
064	39.37	85.09	91.03	101.60	105.23
068	41.91	90.17	96.11	106.68	110.31
072	44.45	95.25	101.19	111.56	115.45
080	49.53	105.41	111.35	121.80	125.75



Recommended PCB Hole Layout
(Tolerance ±0.02)

Specifications

Electrical
 Current rating: 1A
 Insulation resistance: 1000MΩ min.
 Contact resistance: 30mΩ max.
 Withstanding voltage: 500V AC

Material
 Contact: Copper alloy
 Plating: Sn over Ni
 Insulator: LCP (ivory) UL 94V-0
 Operating temperature: -55°C to +105°C

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UNIT	mm	GENERAL TOLERANCE		DRAWN	DATE	DWG. NO.	SHEET 1/1
SCALE	Free	X.° ±	X. ±	Ryan	19.01.2021	SM1-TV99/1M	REV. A
		.X° ±	.X ±	CHECK	DATE	SERIES NO.	
		.XX° ±	.XX ± 0.25	Ronny	15.01.2021	SM1-xxx-TV99-xx/1M	
		.XXX° ±	.XXX ±	APPROVE	DATE		
				Fagi	15.01.2021		

SIMM Socket
 1.27mm pitch Standard type
 Single row - vertical

SM Series - SIMM Sockets

1,27mm pitch



SIMM sockets are made of hi-temp resistant LCP.

Single row types are available in vertical and slanted version (26°).

Insertion & extraction of the module can be made without any tools.

Positive polarization prevents wrong insertion of the module.

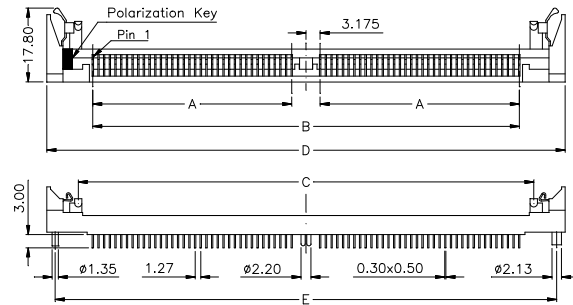
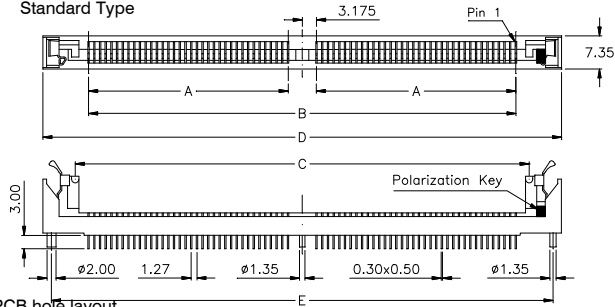
Contacts are designed with an anti-overstress feature.



Single row - vertical

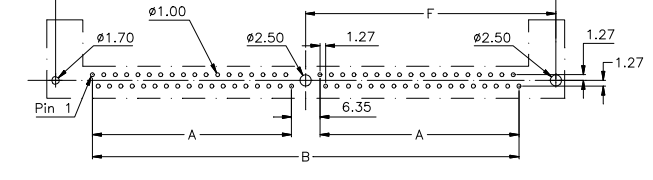
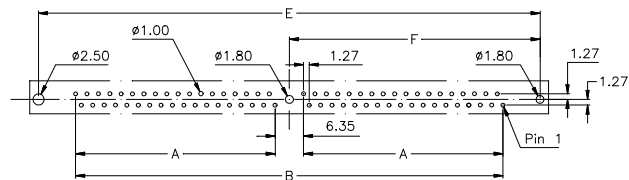
Single row - 26° slanted

Standard Type

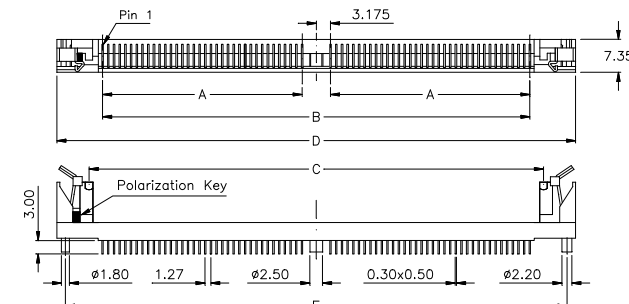


PCB hole layout

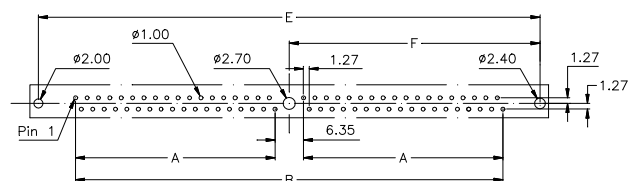
PCB hole layout



Reverse Type



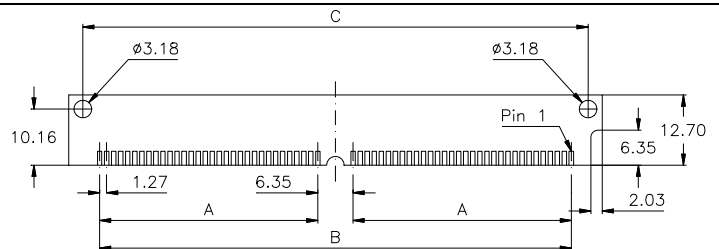
PCB hole layout



Specifications

Current rating	: 1 A max., 100V
Contact resistance	: 30 mΩ max.
Breakdown voltage	: 1,5 KV RMS max.
Insulation resistance	: 10 ⁴ MΩ min.
Capacitance	: 2 pF max.
Contact force	: 2 N min. (Module: 1.19mm to 1.37mm thick)
Operating temperature	: -55 °C to + 150 °C min.
Insulator (RoHS compliant)	: high temp plastic (ivory) UL 94 V-0
Contact (RoHS compliant)	: Phosphor bronze
Plating	: Sn (leadfree) over Ni

Dimensions for 1,27mm pitch SIMM Modules



Ordering Code

Dimensions mm

Pin	Execution	Ordering Code		Dimensions mm					
		Standard Type	Reverse Type	"A" +/- 0.15	"B" +/- 0.15	"C" +0.60 / - 0.30	"D" +/- 0.30	"E" +/- 0.25	"F" +/- 0.25
72	vertical	SM1 - 072 - TV99 - 99 / 1M	SM1 - 072 - TV99 - 99 / 1MR	44,45	95,25	101,20	115,45	111,56	55,78
80	vertical	SM1 - 080 - TV99 - 99 / 1M	SM1 - 080 - TV99 - 99 / 1MR	49,53	105,40	111,35	125,75	121,80	60,90
72	26° slanted	SM1 - 072 - TS99 - 99 / 1M		44,45	95,25	101,20	115,45	111,56	55,78
80	26° slanted	SM1 - 080 - TS99 - 99 / 1M		49,53	105,40	111,35	125,75	121,80	60,90