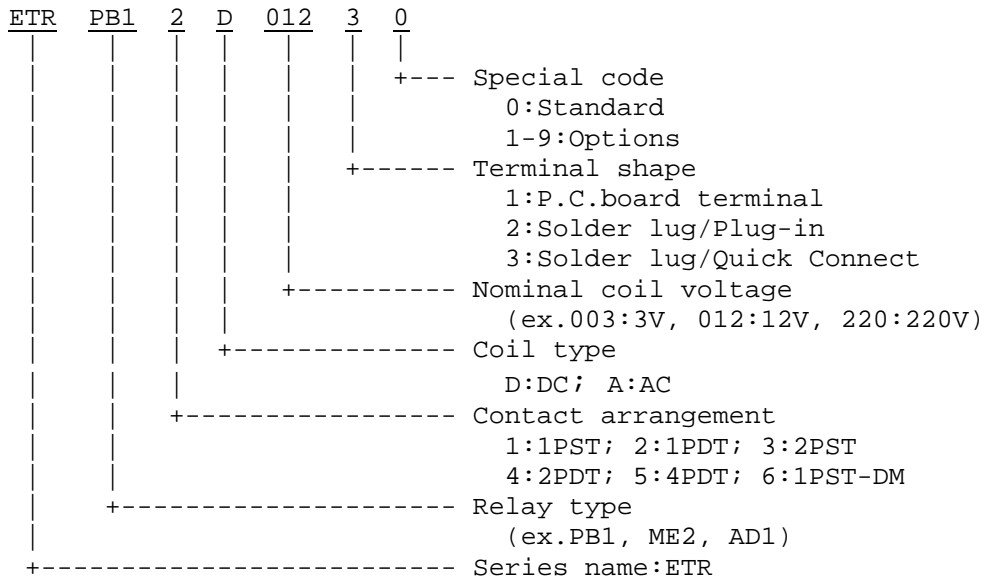


ELECTROMECHANICAL RELAY

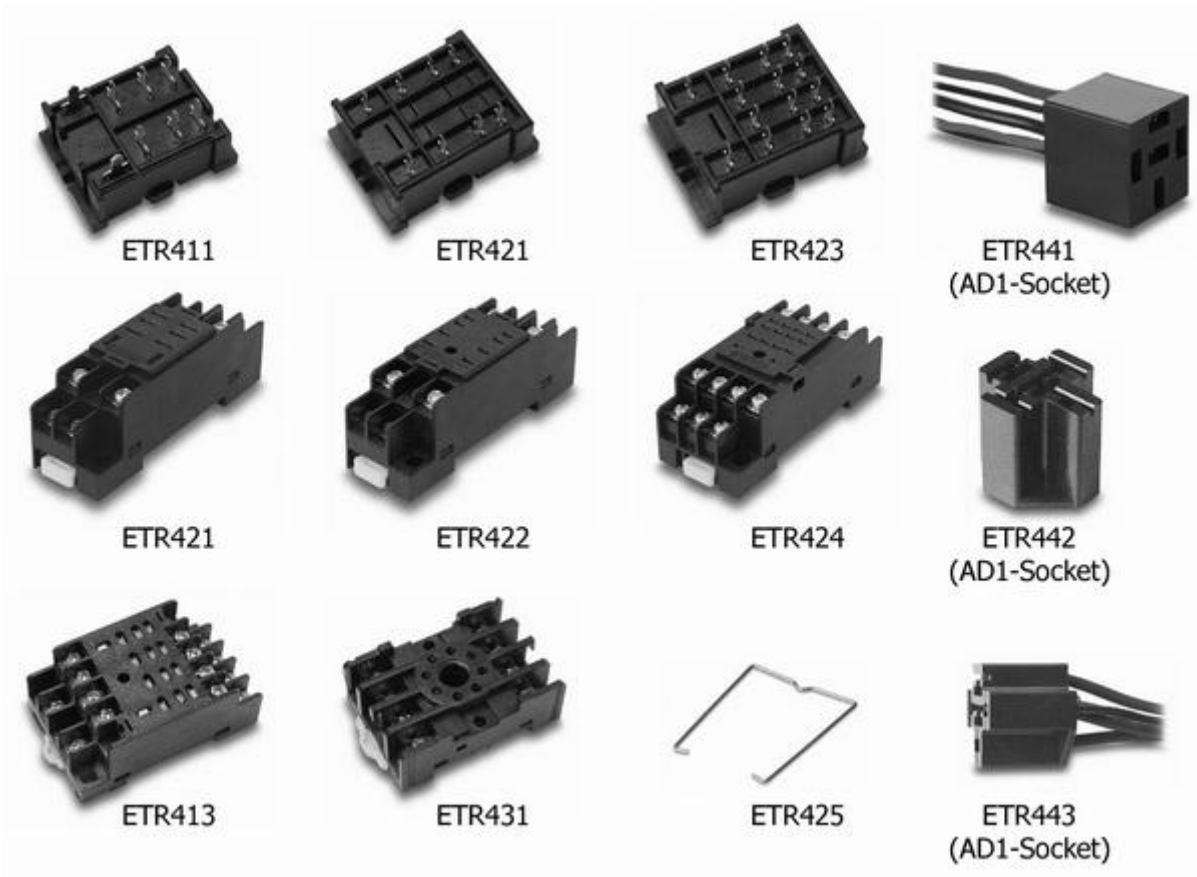
ETR SERIES



PART NUMBERING SYSTEM






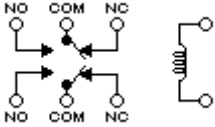
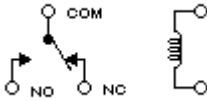
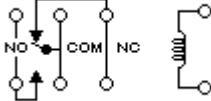



RELAY SOCKET



ELECTROMECHANICAL RELAY

ETR-GENERAL PURPOSE RELAYS



CLASSIFICATION		ETR -- GENERAL PURPOSE RELAYS		
		GM1	GM2	GM3
RELAY TYPE				
Connection Diagram				
Outline (without terminals) LxWxH(mm)		29x12.5x15.5	29x12.5x15.5	29x12.5x15.5
Contact Arrangement		2PST / 2PDT	1PST / 1PDT	1PST / 1PDT
Contact Rating (Resistive Load)		AC 250V 5A DC 30V 5A	AC 250V 10A DC 30V 10A	AC 125V 20A DC 30V 16A DC 250V 16A
Coil Voltage		DC 3V 5V 6V 9V 12V 24V 48V	DC 3V 5V 6V 9V 12V 24V 48V	DC 3V 5V 6V 9V 12V 24V 48V
Coil Power (nominal)		DC 0.53W	DC 0.53W	DC 0.53W
Break-down Voltage	Between contacts	AC 1000V	AC 1000V	AC 1000V
	Between all elements	AC 5000V	AC 5000V	AC 5000V
Insulation Resistance		1000M Ω (500VDC)	1000M Ω (500VDC)	1000M Ω (500VDC)
Life (Min. Operations)	Mechanical	10 ⁷	10 ⁷	10 ⁷
	Electrical (at rated load)	10 ⁵	10 ⁵	10 ⁵
Terminal Shape				
Approximate Weight		16g	16g	16g
Recognized Safety Standard		UL, CUL	UL, CUL	UL, CUL
Features		Sealed type	Sealed type	Sealed type
Option				

Note: Meaning of symbol Marks



:P.C.Board Terminal



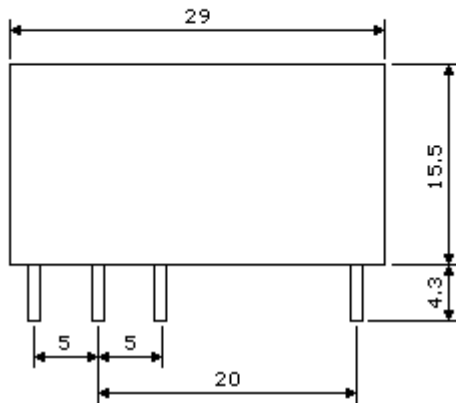
:Solder lug/Plug-in



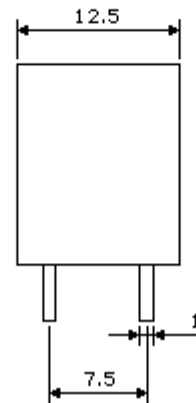
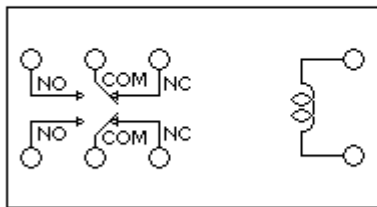
:Solder lug/Quick connect

DIMENSIONS

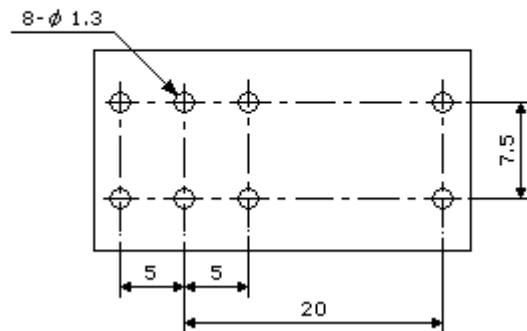
DIMENSIONS Unit:mm
P/NO. ETR-GM1



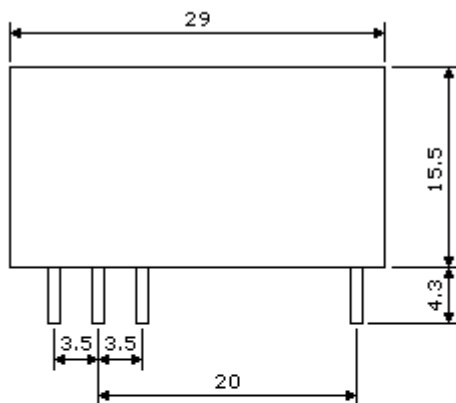
WIRING DIRGRAM



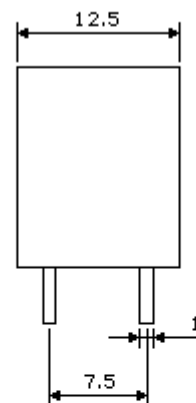
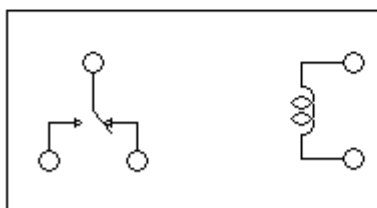
P.C.B LAYOUT



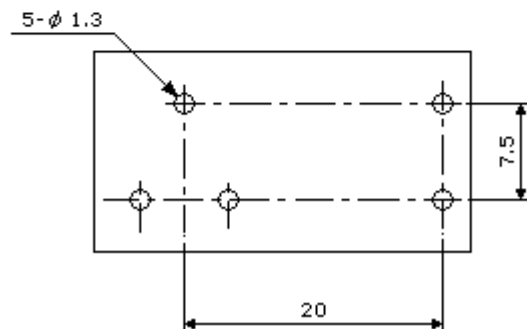
DIMENSIONS Unit:mm
P/NO. ETR-GM2



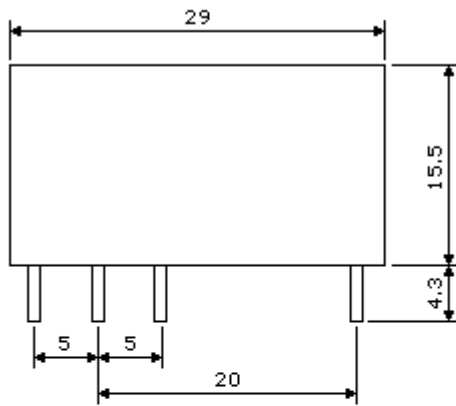
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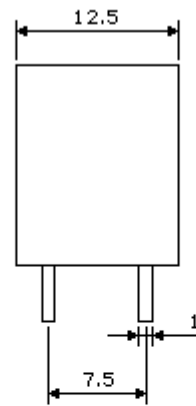
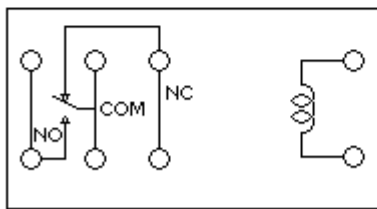
P.C.B LAYOUT



DIMENSIONS Unit:mm
P/NO. ETR-GM3



WIRING DIRGRAM



P.C.B LAYOUT

