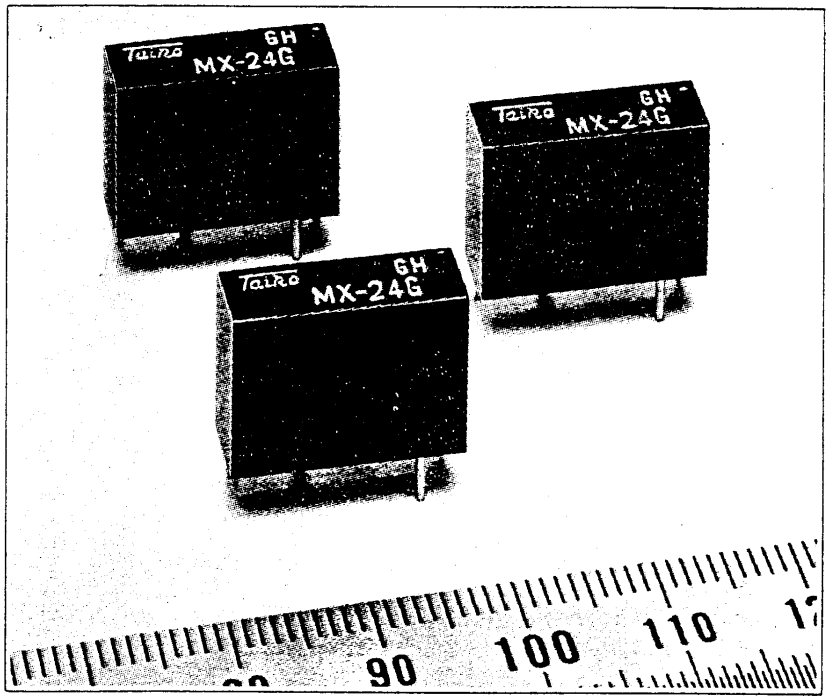
PED Limited

Relays
Series 07-MX

150-509
150-510
150-511
150-512



Description
A sub miniature relay having a single "make" contact for switching 5 amps at 250VAC/30VDC. A small footprint encourages high packing density. A pcb socket is also available.

Contacts
Form
1 pole "make".

Material
Silver

Load (Resistive)
5amp, 250VAC/30VDC.

Maximum Switching Power
1,250VAC/150W.

Maximum Switching Voltage
250VAC/30VDC.

Maximum Switching Current
5A.

Electrical Life
0.1×10^6 (30 x per minute) rated load.

Mechanical Life
20×10^6 (300 x per minute).

Contact Resistance
Maximum 30mOhms.

Operate Time
10msecs max.

Release Time
3msecs max.

Contact Bounce Time
5msecs max.

Dialectric Strength
750VAC for 1 minute between open contacts.
3000VAC for 1 minute between coil and contacts. Insulation distance, coil and contacts – 4mm.

Insulation Resistance
100Mohm at 500VDC (min).

Environmental and Mechanical
Ambient Temperature Range
–40°C to +80°C.

Humidity
90% RH (max).

Weight
3 grams (approx.).

Sealing
Suitable for immersion cleaning.

Terminations
Standard pins suitable for p.c.b. mounting or associated socket.

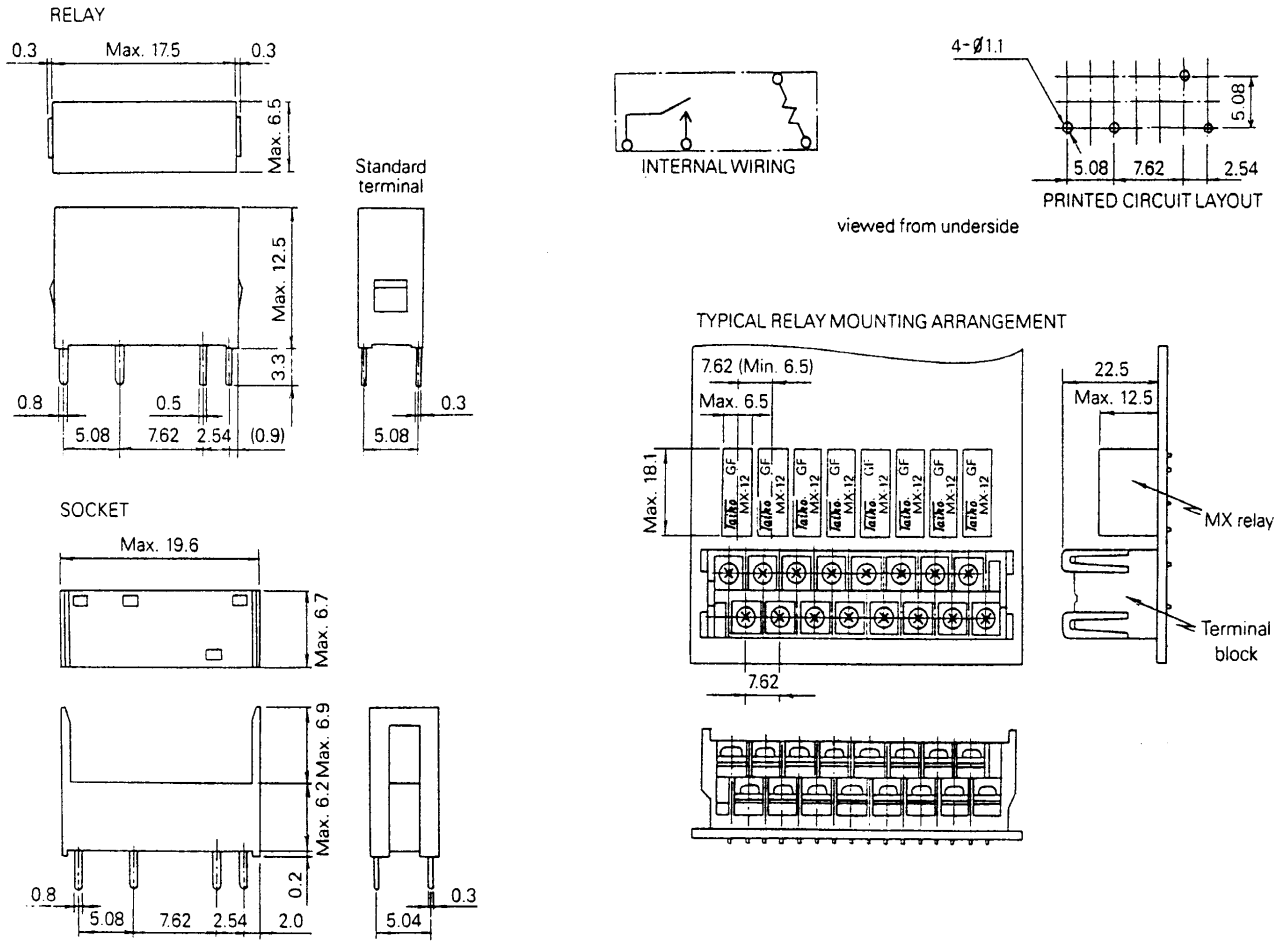
Ordering Information

Code	Rated Voltage	Coil Resistance (OHM)	Pull-in Voltage	Drop-out Voltage	Rated Power
07-MX-3	3VDC	45	MAX. 70%V of rated voltage	MIN. 10%V of rated voltage	0.2W
07-MX-4.5	4.5VDC	105			
07-MX-5	5VDC	125			
07-MX-6	6VDC	180			
07-MX-9	9VDC	405			
07-MX-10	10VDC	500			
07-MX-12	12VDC	720			
07-MX-18	18VDC	1,620			
07-MX-21	21VDC	2,200			
07-MX-24	24VDC	2,880			

The above values are at amoient temperature of 20°C and the tolerance of resistance is ± 10%.

Printed circuit socket – 07-MX-04S

Dimensions



We reserve the right to change without prior notice the information contained in this leaflet

Consumer Protection Act 1987 and Health & Safety at Work Act etc., 1974

Our products are designed, manufactured and tested to high quality standards.
Some of them are capable of being operated by and capable of switching high voltages and/or currents. Care must therefore be exercised in the installation, protection and use of such products.
If in any doubt please contact your supplier or PED Engineering Department immediately.

PED

PED Limited

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