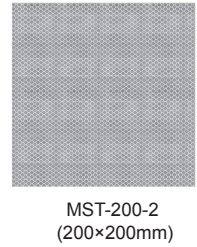
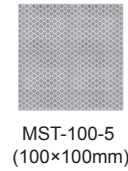
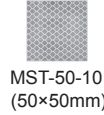
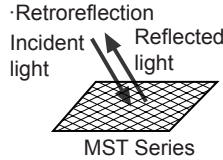
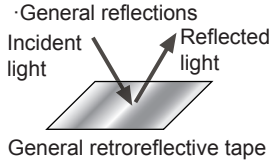


MST (Retroreflective Tape)

■ Features

- Easy attached at curved surface or narrow space
- Available to cut the tape according to the environment
- High retroreflective performance per unit
- ※Retroreflection: Reflected light reflects as same direction of incident light unlike general reflections.



■ Specifications

Model	MST-50-10	MST-100-5	MST-200-2
Applied sensor	Retroreflective type: BM1M-MDT, BMS2M-MDT-□, BR3M-MDT-□□, BEN5M-MDT, BEN5M-MFR, BX5M-MDT, BX5M-MDT-T, BX5M-MFR, BX5M-MFR-T, BTS200-MDT□□ Retroreflective type (built-in polarizing filter): BJ3M-PDT-□□, BEN3M-PDT, BEN3M-PFR, BX3M-PDT-□, BX3M-PFR-□, BH4M-PDT, BJR3M-PDT-□□□, BRQ□□3M-PDT□□□		
Size	50×50mm	100×100mm	200×200mm
Material	Surface film: polymethyl methacrylate, prism layer: polycarbonate, adhesive layer: acrylic		
Environment	Ambient temperature -35 to 65°C (available temperature: 10 to 30°C)		
Packaging (per unit)	10	5	2

■ Reflectivity by Reflective Tape Model

○ Standard type

Model	BM1M-MDT	BMS2M-MDT-□	BR3M-MDT-□□	BEN5M-MDT	BX5M-MDT-□	BTS200-MDT□□
MST-50-10	70%	90%	80%	90%	90%	95%
MST-100-5	110%	120%	120%	130%	100%	100%
MST-200-2	170%	190%	140%	140%	110%	100%

○ Retroreflective type (built-in polarizing filter)

Model	BJ3M-PDT-□□	BEN3M-PDT	BX3M-PDT-□	BH4M-PDT	BJR3M-PDT-□□□
MST-50-10	40%	70%	30%	60%	35%
MST-100-5	60%	90%	40%	80%	45%
MST-200-2	100%	120%	60%	140%	55%

Model	BRQ□□3M-PDTA-□□	BRQP3M-PDTB-□□	BRQPS3M-PDTA-□□
MST-50-10	40%	40%	25%
MST-100-5	50%	80%	30%
MST-200-2	80%	85%	35%

- ※The reflective tape has higher reflectivity due to bigger size than the reflector.
- ※Reflectivity may vary depending on usage environment, installation conditions, and reflective tape size.
- ※Generally, the sensing distance and minimum sensing target size increase as tape size increases.
- ※For using reflective tape, installation distance should be min. 20mm.

(A) Photoelectric Sensors

(B) Fiber Optic Sensors

(C) Door/Area Sensors

(D) Proximity Sensors

(E) Pressure Sensors

(F) Rotary Encoders

(G) Connectors/
Connector Cables/
Sensor Distribution
Boxes/ Sockets

(H) Temperature Controllers

(I) SSRs / Power Controllers

(J) Counters

(K) Timers

(L) Panel Meters

(M) Tacho / Speed / Pulse Meters

(N) Display Units

(O) Sensor Controllers

(P) Switching Mode Power Supplies

(Q) Stepper Motors & Drivers & Controllers

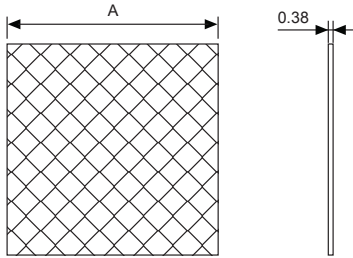
(R) Graphic/ Logic Panels

(S) Field Network Devices

(T) Software

MST Series

■ Dimensions

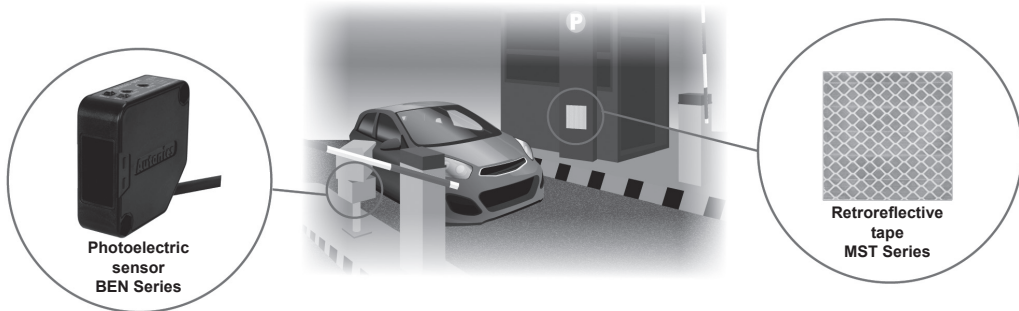


(unit: mm)

Model	A
MST-50-10	□50
MST-100-5	□100
MST-200-2	□200

※There may be a ± 0.02 mm error in thickness dimension.

■ Applications



■ Proper Usage

- Please clean the adhesive side of the reflective tape with a dry cloth before applying the tape.
- Do not press prism layer of the tape.
- Please clean the tape regularly to maintain optimal performance.
When cleaning, please use neutral detergents only. DO NOT use chemical solvents.
- If the reflective surface is damaged, performance may decline.