

LED Indicators

3mm and 5mm Prominent/Recessed

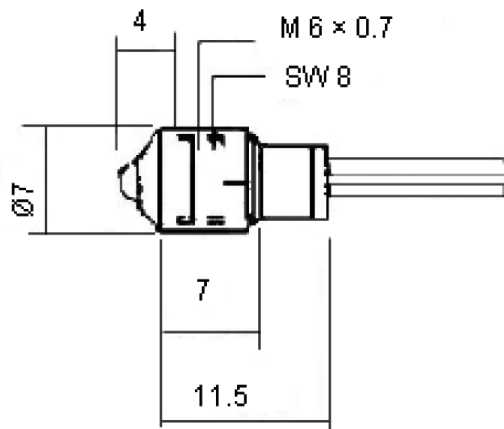
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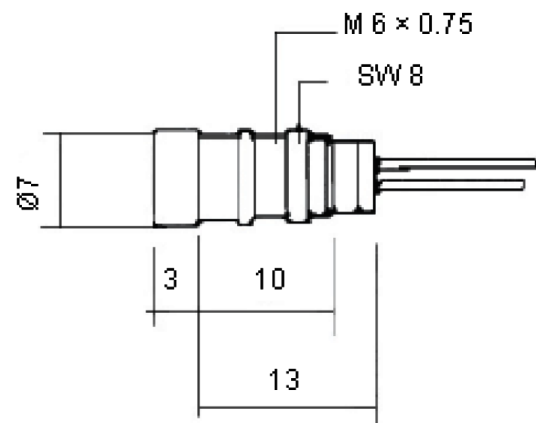
Specifications

Operating temperature (TOP) : -55°C to +70°C
 Storage temperature (TSTG) : -55°C to +100°C
 The Led indicator is available in bright or black chrome reflector.
 The 7th digit has to be coded with 0 or 1.
 Bright chrome = 0
 Black chrome = 1
 Example : MC19020001 green with bright chrome
 MC19021000 green with black chrome.

Diagram



Drawing Number - A



Drawing Number - B

Dimensions : Millimetres

For 3mm LED Indicators

Specification Table

Colour	Typical Lumination Intensity (mcd) at $I_F = 20mA$	V_F (typical) (V)	I_F (maximum) (mA)	Refer Drawing	Part Number
HE Red	17.5	2 - 2.6	45	A	MC19020003
Green	27	2 - 2.6	45	A	MC19020001
Yellow	32	2 - 2.6	45	A	MC19020002
HE Red	15	2 - 2.6	45	B	MC19030003
Green	34	2 - 2.6	45	B	MC19030001
Yellow	28	2 - 2.6	45	B	MC19030002
Pure Orange	15	2 - 2.6	30	B	MC19030008
Blue	6	3.8 - 4.4	50	B	MC19030007
HE Red	17.5	2 - 2.6	45	A	MC19021003
Green	27	2 - 2.6	45	A	MC19021001
Yellow	32	2 - 2.6	45	A	MC19021002

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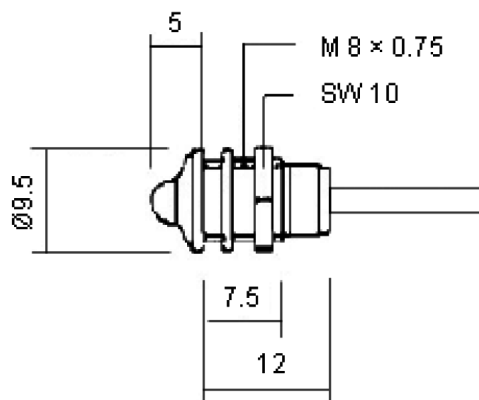
Colour	Typical Lumination Intensity (mcd) at $I_F = 20\text{mA}$	V_F (typical) (V)	I_F (maximum) (mA)	Refer Drawing	Part Number
Pure Orange	17.5	2 - 2.6	30	A	MC19021008
Blue	5	3.8 - 4.4	50	A	MC19021007
HE Red	15	2 - 2.6	45	B	MC19031003
Green	34	2 - 2.6	45	B	MC19031001
Yellow	28	2 - 2.6	45	B	MC19031002
Pure Orange	15	2 - 2.6	30	B	MC19031008

Bezel = 5×9.5 diameter (prominent), 3×9.5 (recessed).

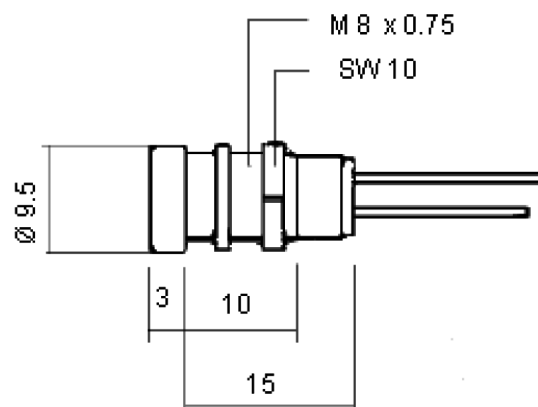
Total L behind bezel = 12 (prominent), 15 (recessed).

Mounting hole diameter = 8, Shorter lead cathode.

Diagram



Drawing Number - C



Drawing Number - D

Dimensions : Millimetres

For 5mm LED Indicators

Specification Table

Colour	Typical Lumination Intensity (mcd) at $I_F = 20\text{mA}$	V_F (typical) (V)	I_F (maximum) (mA)	Refer Drawing	Part Number
HE Red	20	2 - 2.6	45	C	MC19040003
Green	25	2 - 2.6	45	C	MC19040001
Yellow	25	2 - 2.6	45	C	MC19040002
Pure Orange	20	2 - 2.6	30	C	MC19040008
Blue	6	3.8 - 4.4	50	C	MC19040007
HE Red	27	2 - 2.6	45	D	MC19050003

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Colour	Typical Lumination Intensity (mcd) at $I_F = 20\text{mA}$	V_F (typical) (V)	I_F (maximum) (mA)	Refer Drawing	Part Number
Yellow	27	2 - 2.6	45	D	MC19050002
Pure Orange	27	2 - 2.6	30	D	MC19050008
Blue	7	3.8 - 4.4	50	D	MC1905007
HE Red	20	2 - 2.6	45	C	MC19041003
Green	25	2 - 2.6	45	C	MC19041001
Yellow	25	2 - 2.6	45	C	MC19041002
Blue	6	3.8 - 4.4	50	C	MC19041007
HE Red	27	2 - 2.6	45	D	MC19051003
Green	30	2 - 2.6	45	D	MC19051001
Yellow	27	2 - 2.6	45	D	MC19051002
Blue	7	3.8 - 4.4	50	D	MC19051007

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