

LED Indicators

3mm and 5mm Prominent/Recessed

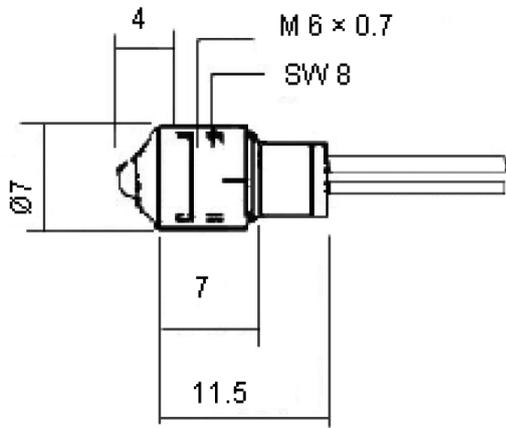
multicomp PRO



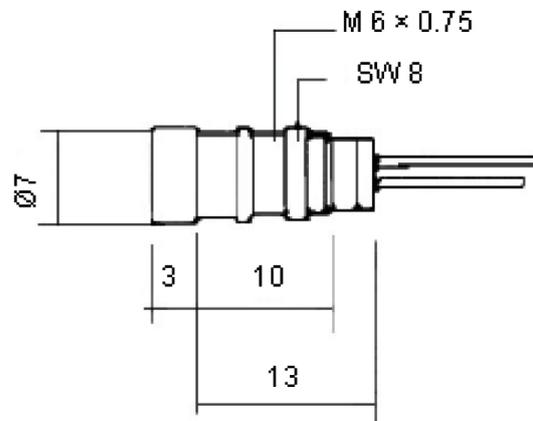
Specifications

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 $I_F = 20\text{mA}$	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

Newark.com/multicomp-pro
 Farnell.com/multicomp-pro
 Element14.com/multicomp-pro

multicomp PRO

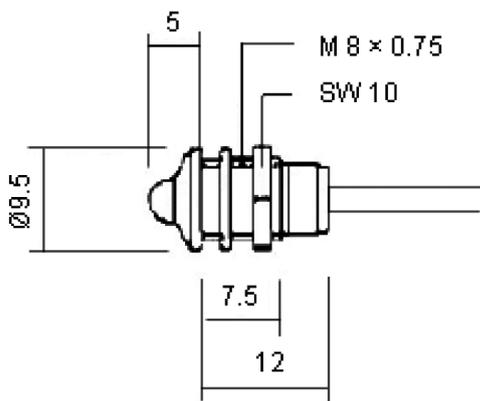
LED Indicators

3mm and 5mm Prominent/Recessed

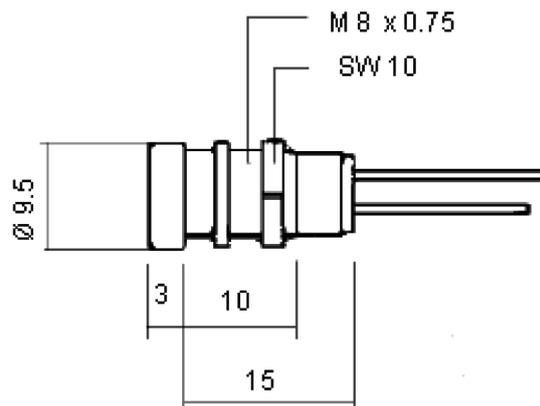
Colour	Typical Lumination Intensity (mcd) at $I_F = 20\text{mA}$	V_F (typical) (V)	I_F (maximum) (mA)	Refer Drawing	Part Number
Pure Orange	17.5	2 - 2.6	30	A	MC19021008
Blue	5	3.8 - 4.4	50	A	MC19021007
HE Red	15	2 - 2.6	45	B	MC19031003
Green	34	2 - 2.6	45	B	MC19031001
Yellow	28	2 - 2.6	45	B	MC19031002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

LED Indicators

3mm and 5mm Prominent/Recessed

multicomp PRO

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
 Farnell.com/multicomp-pro
 Element14.com/multicomp-pro

multicomp PRO