

# **MarkTech Optoelectronics**

## **Near IR Emitters**

# NIR

Product	Peak Wavelength	Angle	Power	Bandwidth	Forward Voltage	Conditions IF	Package
MT5720-IR	720	20	10	30	2	50	5mm Plastic Round (2 pin)
MT5850-IR	850	20	11	40	1.4	20	5mm Plastic Round (2 pin)
MT5880-IR	880	20	11	50	1.4	20	5mm Plastic Round (2 pin)
MT5900-IR	900	20	10	65	1.4	20	5mm Plastic Round (2 pin)
MTE1074N1-R	740	24	4	30	1.8	20	5mm Plastic Round Lens (2 pin)
MTE1077M3A-R	770	160	5.5	25	1.55	20	3mm Ceramic Domed Lens (2 pin)
MTE1077N-WRC	770	8	3.0	30	1.95	20	TO-18 Metal Can Domed Lens (2 pin)
MTE1077N1-R	770	24	5.5	25	1.55	20	5mm Plastic Round Lens (2 pin)
MTE1081C	810	50	6.5	30	1.4	20	3mm Plastic Round Lens (2 pin)
MTE2077N1-R	770	16	8	35	1.55	20	5mm Plastic Round Lens (2 pin)
MTE2081-OH5	810	14	20	40	1.55	50	5mm Plastic Round Lens (2 pin)
MTE2087N	870	12	9	45	1.55	50	TO-18 Metal Can Domed Lens (2 pin)
MTE2087NK2	870	8	6.5	45	1.6	50	TO-46 Metal Can Domed Lens (2 pin)
MTE2087NM	870	10	10	45	1.55	50	TO-46 Metal Can Domed Lens (2 pin)
MTE2088SL-WRC	880	10	7.0	25	1.8	50	TO-46 Focused Ball Lens (2 pin)
MTE3278N-WRC	780	8	7.0	25	1.90	20	TO-18 Metal Can Domed Lens (2 pin)
MTE6081C	810	25	13	20	1.9	20	3mm Plastic Round Lens (2 pin)
MTE7088W-WRC	880	45	20	25	1.6	50	TO-18 Low Profile Metal Can Flat Lens (2 pin)
MTE7710N	770	18	2	25	1.55	20	TO-18 Metal Can Domed Lens (2 pin)
MTE8008N3	880	66	10	60	1.45	50	5mm Plastic Flat Lens (2 pin)
MTE8080PP	880	9	2.5	60	1.8	50	1.55mm Metal Pill Domed Lens
MTE8081W1-WRC	810	45	18	20	1.70	50	TO-18 Low Profile Metal Can Flat Lens (2 pin)
MTE8086WS-WRC	850	45	12.9	33	1.45	50	TO-18 Metal Can Flat Lens (2 pin)
MTE8120CP	810	20	4.5	38	1.55	50	3.5x2.2 SMD Domed Lens (2 pin)

MTE8503A-IR-A	850	35	25mW / sr	50	1.65	20	3mm Plastic Round Lens (2 pin)
MTE8560M2	850	65	20	20	1.8	50	TO-46 Low Profile Metal Can Domed Lens (2 pin)
MTE8560MC	850	110	10	45	1.45	50	3.5x2.2 SMD Flat Lens (2 pin)
MTE8560MT-BK	850	55	20	45	1.8	50	PLCC-4 SMD Flat Lens (4 pin)
MTE8560P-C	850	5	6	45	1.5	50	TO-18 Metal Can Domed Lens (2 pin)
MTE8600C	850	50	28	30	1.45	50	3mm Plastic Round Lens (2 pin)
MTE8600C2	850	90	18	30	1.45	50	3mm Plastic Round Lens (2 pin)
MTE8600CP	850	20	11	30	1.45	50	3.5x2.2 SMD Domed Lens (2 pin)
MTE8600M2	850	150	30	30	1.45	50	TO-46 Low Profile Metal Can Domed Lens (2 pin)
MTE8600MC	850	100	15	30	1.45	50	3.5x2.2 SMD Flat Lens (2 pin)
MTE8600MT	850	110	27	30	1.45	50	PLCC-4 SMD Flat Lens (4 pin)
MTE8600N	850	22	19.6	30	1.4	50	TO-18 Metal Can Domed Lens (2 pin)
MTE8600N2	850	110	18	30	1.45	50	5mm Plastic Flat Lens (2 pin)
MTE8600N5	850	16	25	30	1.45	50	5mm Plastic Round Lens (2 pin)
MTE8600P-C	850	6	17	34	1.4	50	TO-18 Metal Can Domed Lens (2 pin)
MTE8600W	850	64	25.8	30	1.4	50	TO-18 Metal Can Flat Lens (2 pin)
MTE8601N1	850	15	25	30	1.9	50	5mm Plastic Round Lens (2 pin)
MTE8760C	870	40	18	45	1.5	50	3mm Plastic Round Lens (2 pin)
MTE8760CP	870	20	4.6	45	1.5	50	3.5x2.2 SMD Domed Lens (2 pin)
MTE8760MC	870	110	10	45	1.45	50	3.5x2.2 SMD Flat Lens (2 pin)
MTE8760MT	870	110	20	45	1.45	50	PLCC-4 SMD Flat Lens (4 pin)
MTE8760N5	870	14	24	45	1.45	50	5mm Plastic Round Lens (2 pin)
MTE8760NK2	870	12	10	45	1.5	50	TO-46 Metal Can Domed Lens (2 pin)
MTE8760P-C	870	6	8	45	1.5	50	TO-18 Metal Can Domed Lens (2 pin)
MTE8800C	880	50	5	60	1.3	20	3mm Plastic Round Lens (2 pin)
MTE8800M3A	880	160	4.5	60	1.3	20	3mm Ceramic Domed Lens (2 pin)
MTE8800N	880	12	6	60	1.45	50	TO-18 Metal Can Domed Lens (2 pin)
MTE8800N1	880	24	11	60	1.45	50	5mm Plastic Round Lens (2 pin)

MTE8800NK2	880	8	4	60	1.5	50	TO-46 Metal Can Domed Lens (2 pin)
MTE8800NM	880	10	5	60	1.45	50	TO-46 Metal Can Domed Lens (2 pin)
MTE8800PT	880	8	2.5	60	1.45	50	Pigtail Metal Can Domed Lens (1 pin)
MTE8800W	880	40	4	60	1.45	50	TO-18 Metal Can Flat Lens (2 pin)
MTE8803A-IR-A	880	35	6.0mW / sr	50	1.5	20	3mm Plastic Round Lens (2 pin)
MTE9403A-IR-A	940	35	12	50	1.5	20	3mm Plastic Round Lens (2 pin)
MTE9440CP	940	28	2.8	55	1.35	50	3.5x2.2 SMD Domed Lens (2 pin)
MTE9440M3A	940	160	4	50	1.2	20	3mm Ceramic Domed Lens (2 pin)
MTE9440N	940	16	5.5	50	1.35	50	TO-18 Metal Can Domed Lens (2 pin)
MTE9440PT	945	20	4	55	1.35	50	Pigtail Metal Can Domed Lens (1 pin)
MTE9460C2	950	120	23	40	1.9	50	3mm Plastic Flat Lens (2 pin)
MTE9460CP	950	26	10	40	1.3	50	3.5x2.2 SMD Domed Lens (2 pin)
MTE9460MC	950	110	15	40	1.3	50	3.5x2.2 SMD Flat Lens (2 pin)
MTE9460MT	950	110	25	40	1.3	50	PLCC-4 SMD Flat Lens (4 pin)
MTE9460N1	950	32	33	40	1.3	50	5mm Plastic Round Lens (2 pin)
MTE9460N2	950	100	24	40	1.3	50	5mm Plastic Flat Lens (2 pin)
MTE9460N5	950	10	34	40	1.9	50	5mm Plastic Round Lens (2 pin)
MTE9460WC	950	90	15	40	1.3	50	TO-18 Metal Can Flat Lens (2 pin)
MTE9730CP	980	20	5.6	85	2	50	3.5x2.2 SMD Domed Lens (2 pin)
MTSM0074-843-IR	740	120	6.0mW / sr	na	1.7	30	3.2x1.6mm Domed Top SMD (2 pin)
MTSM0077-843-IR	770	120	6.0mW / sr	na	1.7	na	3.2x1.6mm Domed Top SMD (2 pin)
MTSM8385FG-IR	855	60	650		1.7	1000	3.5x3.5 SMD Dome Lens (3 pin)

