

# **MarkTech Optoelectronics**

**PDF TITLE**

**SUB TITLE**

# APD

Features	Product	VBR	Peak Wavelength	Spectral Range	Active Area	Dark Current	Rise Time
APD with TIA	MTAPD-05-003	160V - 200V	800	400-1100	(500um) .2 mm2		
	MTAPD-06-001	120V - 160V	800	400-1100	(230um) .04 mm2	0.4nA	.3ns
	MTAPD-06-002	160V - 200V	800	400-1100	(230um) .04 mm2	0.4nA	.3ns
	MTAPD-06-003	120V - 160V	800	400-1100	(230um) .04 mm2	0.4nA	.3ns
	MTAPD-06-004	160V - 200V	800	400-1100	(230um) .04 mm2	0.4nA	.3ns
	MTAPD-06-005	120V - 160V	800	400-1100	(500um) .2 mm2	0.5nA	.3ns
	MTAPD-06-006	160V - 200V	800	400-1100	(500um) .2 mm2	0.5nA	.3ns
	MTAPD-06-007	120V - 160V	800	400-1100	(500um) .2 mm2	0.5nA	.3ns
	MTAPD-06-008	160V - 200V	800	400-1100	(500um) .2 mm2	0.5nA	.3ns
	MTAPD-06-009	120V - 160V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
	MTAPD-06-010	160V - 200V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
	MTAPD-06-011	120V - 160V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
	MTAPD-06-012	160V - 200V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
	MTAPD-06-013	120V - 160V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
	MTAPD-06-014	160V - 200V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
	MTAPD-06-015	120V - 160V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
	MTAPD-06-016	160V - 200V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
Filtered	MTAPD-06-016-905F	160V - 200V	905	800-1000	(500um) .2 mm2	1.0nA	0.6ns
	MTAPD-07-001	120V - 160V	800	400-1100	(230um) .04 mm2	50pA	.3ns
	MTAPD-07-003	120V - 160V	800	400-1100	(230um) .04 mm2	0.4nA	.3ns
	MTAPD-07-005	120V - 160V	800	400-1100	(500um) .2 mm2	0.5nA	.3ns
	MTAPD-07-007	120V - 160V	800	400-1100	(500um) .2 mm2	100pA	.3ns
	MTAPD-07-009	120V - 160V	905	400-1100	(230um) .04 mm2	200pA	.6ns
	MTAPD-07-010	160V - 200V	905	400-1100	(230um) .04 mm2	200pA	.6ns
	MTAPD-07-011	120V - 160V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
	MTAPD-07-012	160V - 200V	905	400-1100	(230um) .04 mm2	1.0nA	.6ns
Filtered	MTAPD-07-012-905F	160V - 200V	905	800-1000	(500um) 0.04 mm2	1.0nA	0.6ns
	MTAPD-07-013	120V - 160V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns

	MTAPD-07-014	160V - 200V	905	400-1100	(500um) .2 mm2	1.0nA	.6ns
Filtered	MTAPD-07-014-905F	160V - 200V	905	800-1000	(500um) .2 mm2	1.0nA	0.6ns
	MTAPD-07-015	120V - 160V	905	400-1100	(500um) .2 mm2	400pA	.6ns
Filtered	MTAPD-07-015-905F	120V - 160V	905	800-1000	(500um) .2 mm2	1.0nA	0.6ns
	MTAPD-07-016	160V - 200V	905	400-1100	(500um) .2 mm2	400pA	.6ns
Filtered	MTAPD-07-016-905F	160V - 200V	905	800-1000	(500um) .2 mm2	1.0nA	0.6ns

# InGaAs

Product	Features	Active Area	Peak Wavelength	Spectral Range	Overall Size (mm)
MTD6013D3-PD	Detector	0.5 mm	1250	750-1750	3mm Plastic Flat Lens (2 pin)
MTMD142345PDT38	Detector / Emitter	1.0mm	1675	600-1750	TO-5 Metal Can Flat Lens (8 pin)
MTPD1346D-010	Detector	0.1 mm	1625	600-1750	TO-46 Metal Can Flat Lens (3 pin)
MTPD1346D-030	Detector	0.3 mm	1625	600-1750	TO-46 Metal Can Flat Lens (3 pin)
MTPD1346D-100	Detector	1.0 mm	1625	600-1750	TO-46 Metal Can Flat Lens (3 pin)
MTPD1346D-150	Detector	1.5 mm	1625	600-1750	TO-46 Metal Can Flat Lens (3 pin)
MTPD1346D-200	Detector	2.0 mm	1625	600-1750	TO-39 Metal Can Flat Lens (3 pin)
MTPD1346D-300	Detector	3.0 mm	1625	600-1750	TO-39 Metal Can Flat Lens (3 pin)
MTPD1346SL-030	Detector	0.3 mm	1625	600-1750	TO-46 Metal Can Ball Lens (3 pin)
MTPD1346SL-100	Detector	1.0 mm	1625	600-1750	TO-46 Metal Can Ball Lens (3 pin)
MTPD2600-100	Detector	1.0mm	1850	880-2600	TO-46 Metal Can Flat Lens (3 pin)
MTPD2601FT-030	Detector	0.3 mm	1850	800-2600	Pigtail Metal Can Flat Lens (1 pin)
MTPD2601K8-150	Detector	1.5 mm	1850	800-2600	TO-39 Metal Can Domed Lens (2 pin)
MTPD2601K8-300	Detector	3.0 mm	1850	800-2600	TO-39 Metal Can Domed Lens (2 pin)
MTPD2601N-030	Detector	0.3 mm	1850	800-2600	TO-46 Metal Can Domed Lens (3 pin)
MTPD2601N-100	Detector	1.0 mm	1850	600-2600	TO-18 Metal Can Domed Lens (3 pin)
MTPD2601SIW-100	Multi Detector	1.0 mm	1850 / / 950 (Si)	800-2600 / / 250-1100 (Si)	TO-39 Metal Can Flat Lens (3 pin)
MTPD2601SL-030	Detector	0.3 mm	1850	800-2600	TO-46 Metal Can Ball Lens (2 pin)
MTPD2601SL-100	Detector	1.0 mm	1850	800-2600	TO-46 Metal Can Ball Lens (2 pin)
MTPD2601T-030	Detector	0.3 mm	1850	800-2600	TO-18 Metal Can Flat Lens (3 pin)
MTPD2601T-100	Detector	1.0mm	1850	600-2600	TO-18 Metal Can Flat Lens (3 pin)
MTPD2601T8-150	Detector	1.5 mm	1850	800-2600	TO-39 Metal Can Flat Lens (2 pin)
MTPD2601T8-300	Detector	3.0 mm	1850	800-2600	TO-39 Metal Can Flat Lens (2 pin)
MTPD3001D1-030	Detector	0.3 mm	1300	750-1750	3mm Plastic Domed Lens (2 pin)
MTPD3001D3-030	Detector	0.3 mm	1300	750-1750	3mm Plastic Flat Lens (2 pin)
MTPD3001D5-030	Detector	0.3 mm	1300	750-1750	3mm Plastic Domed Lens (2 pin)
MISM1346SMF1-030	Detector	0.3 mm	1625	600-1750	3.0x3.0 mm SMD Flat Lens
MISM1346SMF1-100	Detector	1.0 mm	1625	600-1750	3.0x3.0 mm SMD Flat Lens

MTSM1346SMF2-150	Detector	1.5 mm	1625	600-1750	5.0x5.0 mm SMD Flat Lens
MTSM2601SMF1-030	Detector	0.3 mm	1850	800-2600	3.0x3.0 mm SMD Flat Lens
MTSM2601SMF1-100	Detector	1.0 mm	1850	800-2600	3.0x3.0 mm SMD Flat Lens
MTSM2601SMF2-150	Detector	1.5 mm	1850	800-2600	5.0x5.0 mm SMD Flat Lens
MTSM2601SMF2-SP4-030	Detector	3.0mm	1850	800-2600	5.0x5.0 mm SMD Flat Lens

# BL

Product	Color	Peak Wavelength	Intensity m <sup>2</sup>	Overall Size (mm)	Dimensions
MTBL2410-G-A	Green	567	25 mcd	1.9x9.2 Side View Lamp (2 pin)	2 Leaded Backlight
MTBL3G11-UYG	Green	570	300	154.0x35.3	150.0x31.0
MTBL3H11-UYG	Green	570	205	67.0x21.0	64.5x19.0
MTBL3L11-UYG	Green	570	175	68.9x22.0	65.0x18.0
MTBL3M11-UYG	Green	570	235	85.0x30.0	80.0x27.2
MTBL3Q11-UYG	Green	570	170	89.0x24.0	86.0x21.6
MTBL3U11-UYG	Green	570	340	89.0x24.0	86.0x21.6
MTBL3V11-UYG	Green	570	185	66.8x20.8	65.5x18.8

