

## 产品及制程变更通知单 (PCN)

### Product and Process Changed Notification

文件编号 Document NO.: MS-PCN-20097

通知日期 Notification Date: 2021. 1. 19

#### 产品型号 Product Model

TD541SCANH、TDH541SCANH、TD041SCANH、TD041SCANFD、TD541S485H、TDH541S485H、TD041S485H、B0505MT-1WR4、FB0505T-1WR4、E0505T-1WR4、D050505T-1WR4、K7803MT-500R4、K7805MT-500R4、K78X6MT-500R4、K7809MT-500R4、K7812MT-500R4、K7815MT-500R4、K7803MT-1000R4、K7805MT-1000R4、K78X6MT-1000R4、K7809MT-1000R4、K7812MT-1000R4、K7815MT-1000R4

#### 变更类型 Changed Type

设计 Design     材料 Material     工艺流程 Process Flow     外观 Appearance

其他 Others

#### 变更原因 Reason for Change

1、优化产品引脚焊盘，增加侧壁，方便客户手工焊接及焊点检查，进一步提高客户使用的便捷性。

**Optimize product pin pads and add side wall, it is convenient for customers to do manual welding and solder joint inspection.**

2、包装方式更改：由 13 英寸卷盘包装改为 7 英寸卷盘包装。

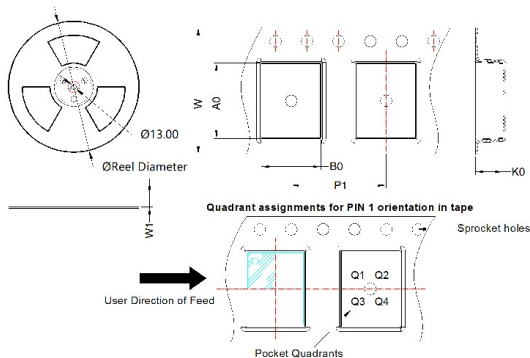
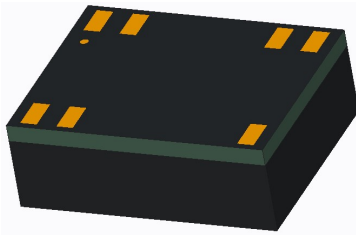
**Packing change: from 13 inch reel to 7 inch reel.**

#### 变更内容 Changed Content

外观是否改变 Whether the Appearance Changes:  是 Yes     否 No

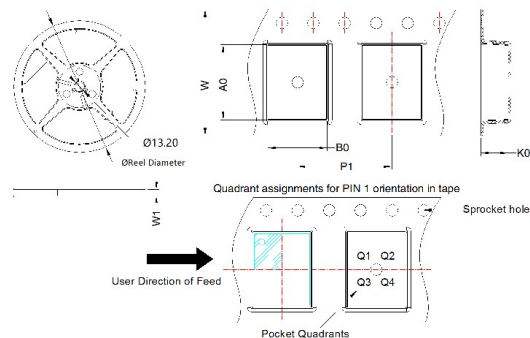
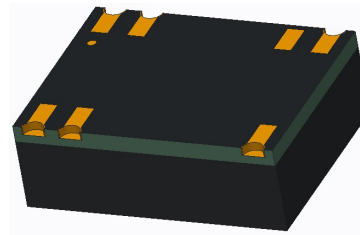
变更前 Before Changing:

B\_MT-R4:



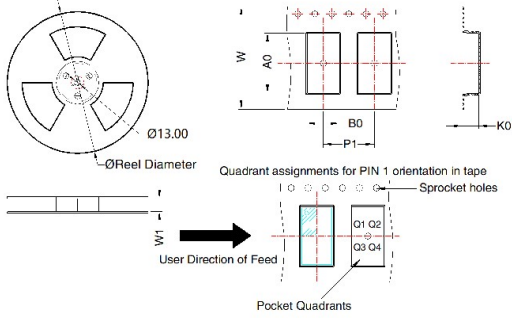
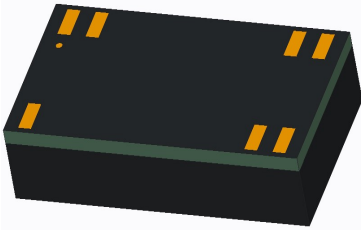
Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
BxMT-1WR4	DFN 7x9	7	1200	330.0	16.4	9.56	7.56	3.5	12.0	16.0	Q1

变更后 After Changing:

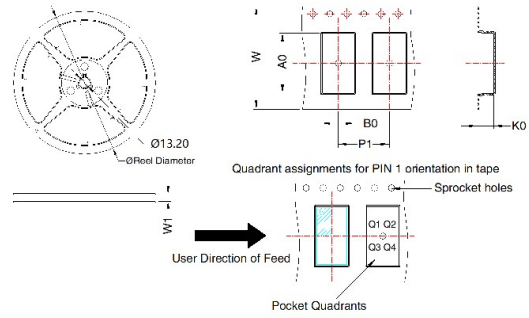
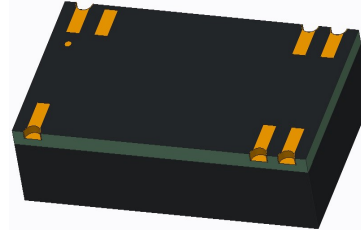


Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
BxMT-1WR4	DFN 7x9	7	400	180.0	16.4	9.56	7.56	3.5	12.0	16.0	Q1

## D\_T-R4 & FB\_T-R4:

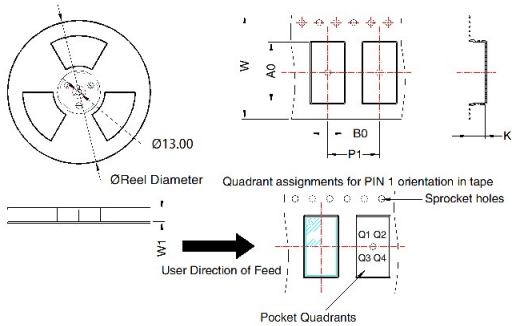
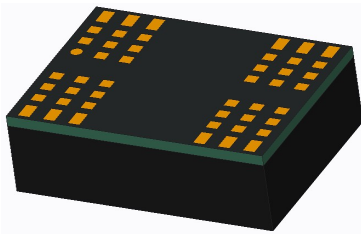


Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
D05xT-1WR4	DFN 7x13.2	7	1200	330.0	24.4	14.05	7.75	3.8	12.0	24.0	Q1

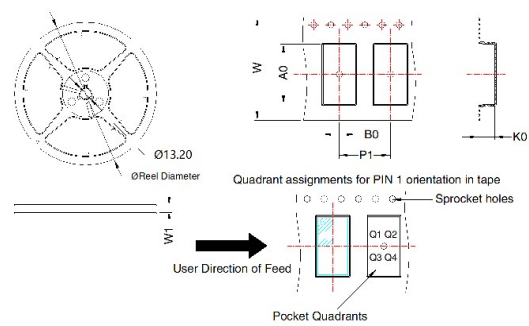
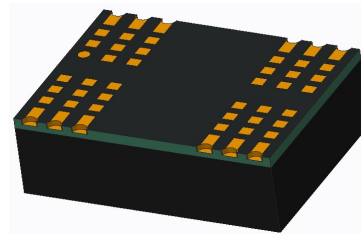


Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
D05xT-1WR4	DFN 7x13.2	7	350	180.0	24.4	14.05	7.75	3.8	12.0	24.0	Q1

## E\_T-R4:

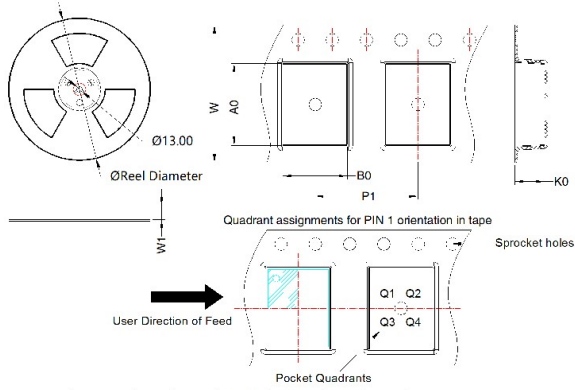
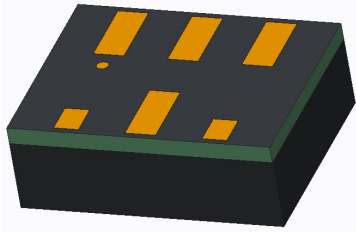


Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
E05xT-1WR4	DFN 7x13.2	7	1200	330.0	24.4	14.05	7.75	3.8	12.0	24.0	Q1

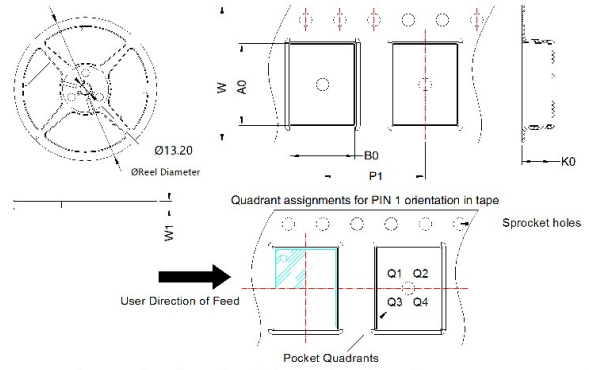
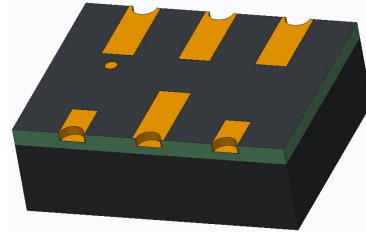


Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
E05xT-1WR4	DFN 7x13.2	7	350	180.0	24.4	14.05	7.75	3.8	12.0	24.0	Q1

## K78\_MT-500R4 & K78\_MT-1000R4:

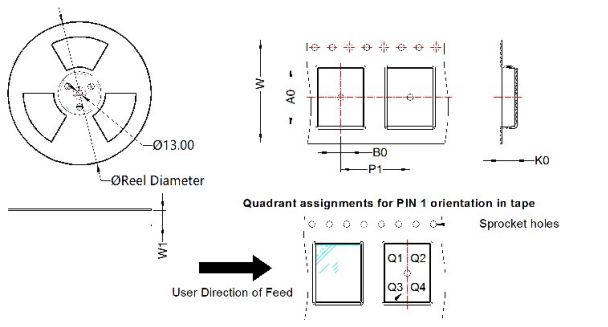
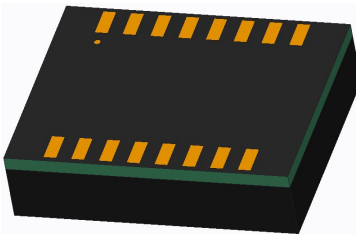


Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
K78xMT-500R4	DFN 7x9	7	1200	330.0	16.4	9.56	7.56	3.5	12.0	16.0	Q1

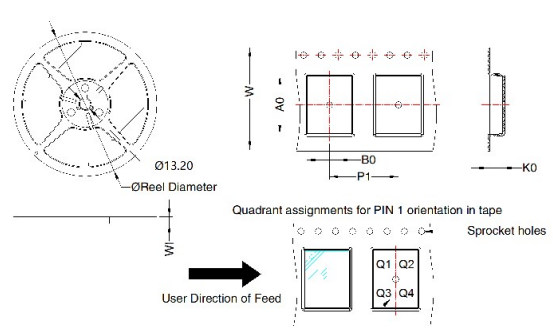
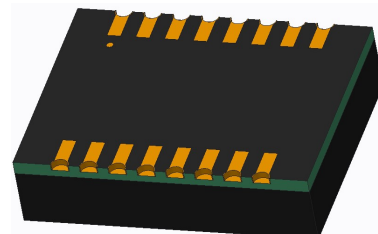


Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
K78xMT-1000R4	DFN 7x9	7	400	180.0	16.4	9.56	7.56	3.5	12.0	16.0	Q1

## TD (H) 541S485H:

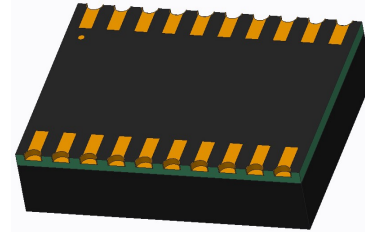
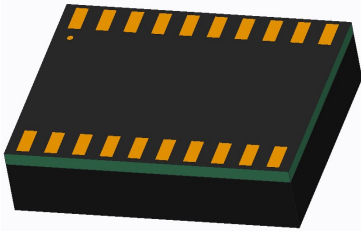


Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
TD(H)541S485H	DFN 10x13	16	1000	330.0	24.4	13.52	10.52	3.5	16.0	24.0	Q1
TD(H)541SCANH		20									
TD(H)541SCANFD		20									

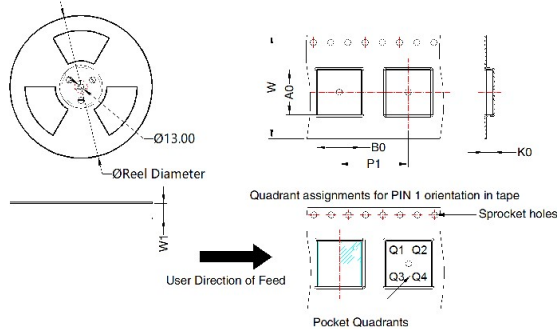
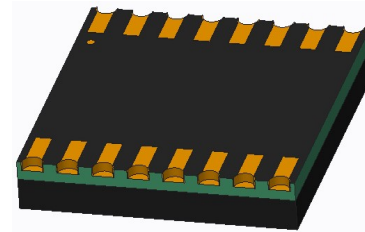
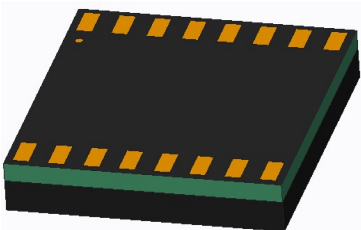


Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
TD(H)541S485H	DFN 10x13	16	300	180.0	24.4	13.52	10.52	3.5	16.0	24.0	Q1
TD(H)541SCANH		20									
TD(H)541SCANFD		20									

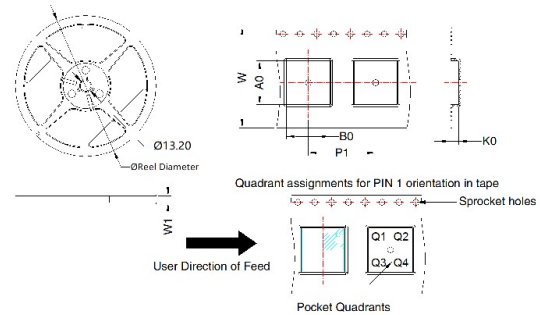
## TD(H) 541SCANH & TD(H) 541SCANFD:



## TD041S485H & TD041SCANH & TD041SCANFD:



Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
TD(H)041S485H TD(H)041SCANH TD(H)041SCANFD	DFN 10x10	16	1500	330.0	24.4	10.44	10.44	2.0	16.0	24.0	Q2



Device	Package Type	Pin	MPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
TD(H)041S485H TD(H)041SCANH TD(H)041SCANFD	DFN 10x10	16	500	180.0	24.4	10.44	10.44	2.0	16.0	24.0	Q2

### 变更影响 Impact on Quality & Performance

产品性能不变，引脚设计更加便于客户使用。

Product performance unchanged, pins design more convenient for customers to use.

变更前产品最后接单时间 Last order date before the change:

TD series: 2021. 4. 1

B0505MT-1WR4: 2021. 6. 1

FB0505T-1WR4: 2021. 8. 1

E0505T-1WR4、D050505T-1WR4、K7803MT-500R4、K7805MT-500R4、  
K78X6MT-500R4、K7809MT-500R4、K7812MT-500R4、K7815MT-500R4: **2021. 4. 15**  
K7803MT-1000R4、K7805MT-1000R4、K78X6MT-1000R4、K7809MT-1000R4、  
K7812MT-1000R4、K7815MT-1000R4: **2021. 5. 1**

变更后样品最早接单时间 The earliest receipt time of samples after change:

TDseries: **2021. 2. 25**

B0505MT-1WR4: **2021. 6. 2**

FB0505T-1WR4: **2021. 8. 2**

E0505T-1WR4、D050505T-1WR4、K7803MT-500R4、K7805MT-500R4、  
K78X6MT-500R4、K7809MT-500R4、K7812MT-500R4、K7815MT-500R4: **2021. 4. 16**  
K7803MT-1000R4、K7805MT-1000R4、K78X6MT-1000R4、K7809MT-1000R4、  
K7812MT-1000R4、K7815MT-1000R4: **2021. 5. 2**

变更后产品最早量产时间 The earliest mass production time of the product after the change:

TD541S485H、TDH541S485H、TD541SCANH、TDH541SCANH: **2021. 4. 9**

TD041S485H、TD041SCANH、TD041SCANFD: **2021. 4. 9**

B0505MT-1WR4: **2021. 7. 9**

FB0505T-1WR4: **2021. 9. 10**

E0505T-1WR4、D050505T-1WR4、K7803MT-500R4、K7805MT-500R4、  
K78X6MT-500R4、K7809MT-500R4、K7812MT-500R4、K7815MT-500R4: **2021. 5. 17**  
K7803MT-1000R4、K7805MT-1000R4、K78X6MT-1000R4、K7809MT-1000R4、  
K7812MT-1000R4、K7815MT-1000R4: **2021. 6. 11**

制定人(发起部门高级经理) Designer (Senior Manager Initiate senior manager of department):

客户确认 Customer Admit

接受 Approved      不接受 Rejected;

建议 Suggestion:

签名 Sign:

日期 Date:

备注:

若有任何问题请在收到产品及制程变更通知单后 30 天内提交给我司, 否则将默认贵司接受此变更。

Note:

If you have any questions, please submit them to us within 30 days after receiving the product and process change notice, otherwise your company will accept this change by default.