

Product change notification (PCN)

Title / short description	New Tooling with optimized design for injection molding
Affected article category	PCB terminal blocks and PCB connectors
Change category	Form and appearance
Change number	CAA230054-08
Reason for PCN/PDN Revision	Creation

Purpose/objective of the change

Change of the inner PCB terminal block geometries for optimization of injection molding process.

Detailed description of the change

Integration of inner emaciations and new placement of the labeling field to optimize the production process (see the details attached). There will be no seperation on stock regarding old and new versions. There is no mixing of old and new housings within one packaging unit. Our sales team will be pleased to support you with any questions or requirements.

Identifying characteristics

see attachments

Start of Production (SOP)	-	Last Time Delivery (LTD)	-
Effective date (EOP)	2027-01-31	End of Service (EOSR)	-
End of Sales (EOS)	-		

Short-term change (< 6 months) or discontinuation (< 12 months), due to:

- | | | |
|---|---|--|
| ☐ Software / Firmware Bugfix | ☐ Short-term delivery stop by supplier | ☐ Short-term recall by supplier |
| ☐ Force majeure | ☐ Product improvement with customer benefits | |
| ☐ Others | | |

Attachments

- CAA230054-Pictures-current-and-new-design.pdf
- Material_list.csv
- PCN-CAA230054-08_EN

Material list

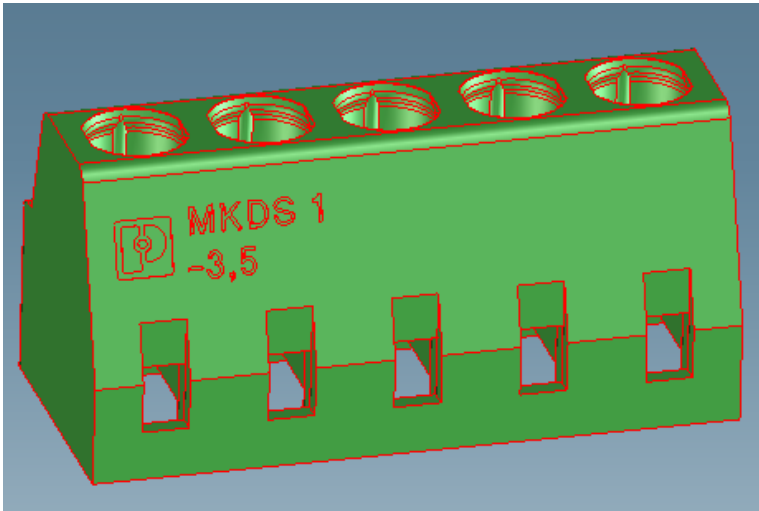
Item no.	Item Type	Hardware old	Firmware new	Item no.	Substitute item Type
1727023	MKDS 1/ 3-3,81				
1930166	MKDS 1/ 4-3,5 BD:A,B,C,D				
1715072	MKDS 1/ 4-3,5 BD:-+H				
1800025	MKDS 1/ 8-3,81 BK				
1706552	MKDS 1/ 2-3,81 BD:B,A SO				
1727010	MKDS 1/ 2-3,81				
1932957	MKDS 1/ 2-3,81 BD:A,B				
1725957	MKDS 1/ 2-3,81 BD:+,-				
1709328	MKDS 1/ 2-3,81 BD: X15 -.2				
1750630	MKDS 1/ 2-3,81 TS				
1708395	MKDS 1/ 3-3,81 BD:1-3				
1753077	MKDS 1/ 3-3,81 PA 1,3				
1727023	MKDS 1/ 3-3,81				
1820589	MKDS 1/ 4-3,5 HT BK				
1050603	MKDS 1/ 4-3,5 HT BK R24				
1932410	MKDS 1/ 4-3,81 HT BK				
1701302	MKDS 1/ 4-3,81HTBKP1,65BDR24TS				
1871267	MKDS 1/ 4-3,81 BD:4-1				
1724835	MKDS 1/ 4-3,81 BD:1-4				
1727036	MKDS 1/ 4-3,81				
1708397	MKDS 1/ 4-3,81 BD:SP-1				
1708396	MKDS 1/ 4-3,81 BD:4-SP				
1709324	MKDS 1/ 4-3,81 BD: X18-.4				
1709325	MKDS 1/ 4-3,81 BD: X16-.4				
1751345	MKDS 1/12-3,5				
1828219	MKDS 1/12-3,5 BD:12-1				
1908645	MKDS 1/12-3,5 BD: X4-.12				
1870572	MKDS 1/ 2-3,81 BK				
1751361	MKDS 1/14-3,5				
1751387	MKDS 1/16-3,5				
1751374	MKDS 1/15-3,5				
1751358	MKDS 1/13-3,5				
1194576	MKDS 1/10-3,5 BD:0-9 MQ				
1751329	MKDS 1/10-3,5				
1274738	MKDS 1/10-3,5 BD:10-1				
1457324	MKDS 1/10-3,5 BD:1-10NZ				
1713714	MKDS 1/11-3,5 OP				
1751332	MKDS 1/11-3,5				

Item no.	Item Type	Hardware / Firmware		Item no.	Substitute item Type
old	new				
1751303	MKDS 1/ 8-3,5				
1274737	MKDS 1/ 8-3,5 BD:1-8				
1457286	MKDS 1/ 8-3,5 BD:8-1NZ				
1751316	MKDS 1/ 9-3,5				
1751293	MKDS 1/ 7-3,5				
1888632	MKDS 1/ 6-3,5 BD:1-6				
1334600	MKDS 1/ 6-3,5 BD:42-2 QSO MQ				
1697806	MKDS 1/ 6-3,5 BD:0-5SOMQ				
1371215	MKDS 1/ 6-3,5 BD:A+-SG				
1751280	MKDS 1/ 6-3,5				
1751277	MKDS 1/ 5-3,5				
1888658	MKDS 1/ 4-3,5 BD:B,A,B,A				
1706293	MKDS 1/ 4-3,5 BD:1-4				
1705584	MKDS 1/ 4-3,5 BD:1,1,2,2				
1907458	MKDS 1/ 4-3,5 BD:BABA RDGN				
1828196	MKDS 1/ 4-3,5 BD:13-16				
1930166	MKDS 1/ 4-3,5 BD:A,B,C,D				
1828206	MKDS 1/ 4-3,5 BD:17-20				
1751264	MKDS 1/ 4-3,5				
1050488	MKDS 1/ 4-3,5 PROFINET 2				
1715072	MKDS 1/ 4-3,5 BD:-+H				
1888616	MKDS 1/ 3-3,5 BD:1-3				
1751251	MKDS 1/ 3-3,5				
1888807	MKDS 1/ 2-3,5 BD:1,2				
1751248	MKDS 1/ 2-3,5				
1905324	MKDS 1/ 3-3,81 BK				
1904875	MKDS 1/ 4-3,81 BU				
1727104	MKDS 1/11-3,81				
1727094	MKDS 1/10-3,81				
1727081	MKDS 1/ 9-3,81				
1727078	MKDS 1/ 8-3,81				
1727065	MKDS 1/ 7-3,81				
1252456	MKDS 1/ 7-3,81 BD:12V-ERD				
1727052	MKDS 1/ 6-3,81				
1727049	MKDS 1/ 5-3,81				
1753064	MKDS 1/ 5-3,81 PA 1,3,5				
1991477	MKDS 1/14-3,5 GY NZ 2202390				
1728390	MKDS 1/14-3,5 GY P2,0 BDNZ:897				
1893353	MKDS 1/14-3,5 GYBDNZ13040986				

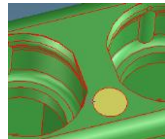
Item no.	Item Type	Hardware / Firmware		Item no.	Substitute item Type
		old	new		
1829904	MKDS 1/ 5-3,81 HT BK P1,65				
1825380	MKDS 1/12-3,81 BD:AM-SD				
1752638	MKDS 1/12-3,81 TS				
1727117	MKDS 1/12-3,81				
1163717	MKDS 1/ 4-3,5 YE				
1162415	MKDS 1/ 4-3,5 BU				
1800032	MKDS 1/13-3,5 BK				
1800025	MKDS 1/ 8-3,81 BK				
1800017	MKDS 1/ 5-3,81 BK				
1800020	MKDS 1/ 6-3,81 BK				
1800015	MKDS 1/ 4-3,81 BK				
1716946	MKDS 1/ 3-3,5 BK H0L				
1716933	MKDS 1/ 2-3,5 BK H0L				
1800016	MKDS 1/ 5-3,5 BK				
1005620	MKDS 1/ 6-3,81 HT BK P1,65				
1985836	MKDS 1/ 3-3,81 HT BK				
1984950	MKDS 1/ 3-3,5 HT BK				
1700450	MKDS 1/ 3-3,81 YE				
1766789	MKDS 1/10-3,81 GTBU				

Product Changes in comparison – Pitch 3,5

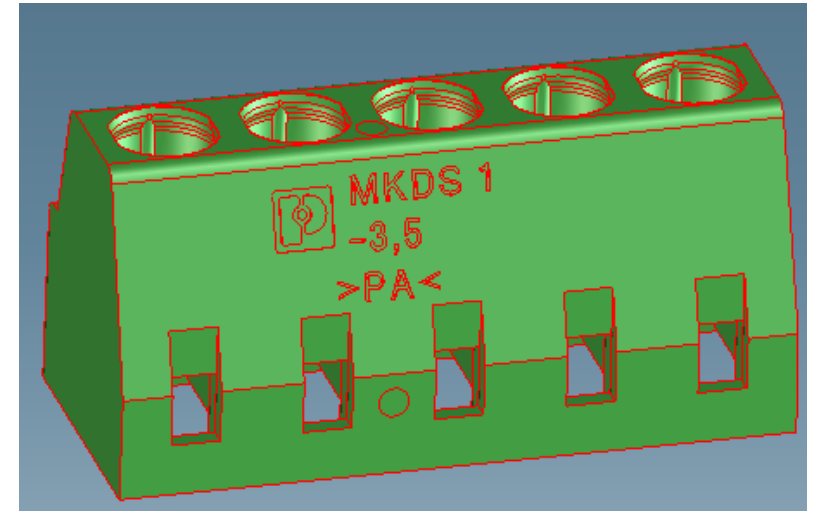
old



- Labeling in future centered instead of one-sided
- Side walls 0.5° conical
- New imprint on top of the housing

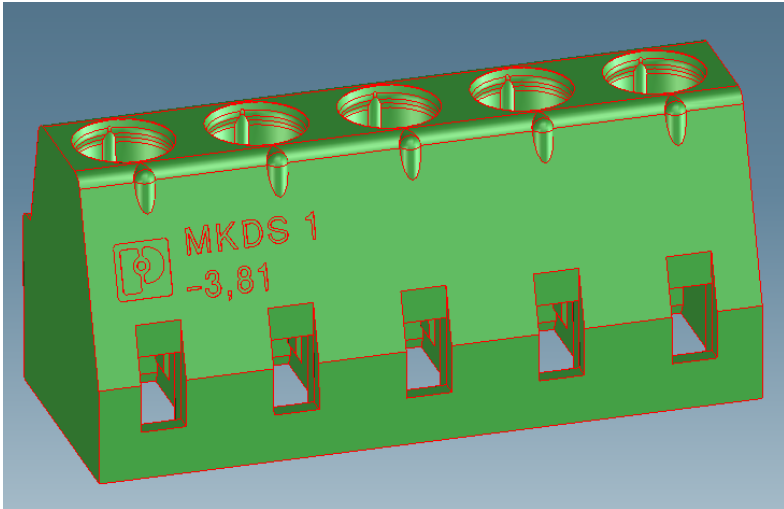


new

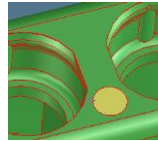


Product Changes in comparison – Pitch 3,81

old



- Labeling in future centered instead of one-sided
- Side walls 0.5° conical
- New imprint on top of the housing

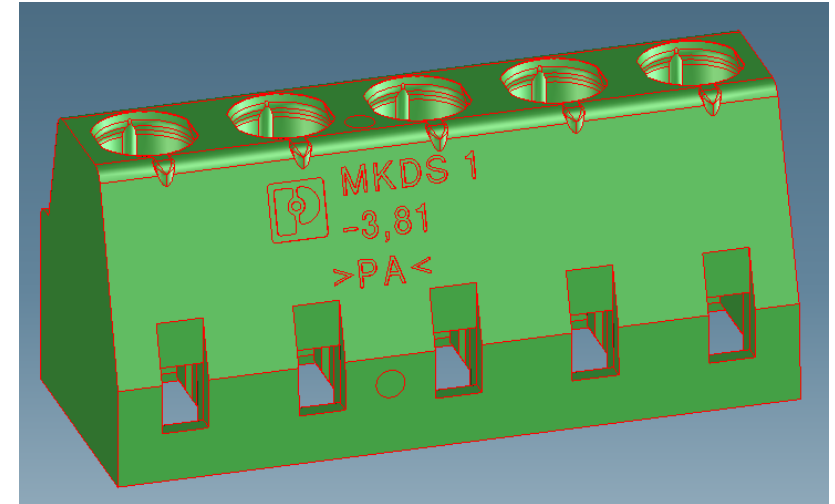


- Screw shaft with surface
- Recognition wart -3.81 offset



- Insertion chamfers in the area of the terminal sleeves

new



Item no.;Type;old;new;Substitute item;Replacement product designation;eCl@ss 13.0;

1727023;MKDS 1/ 3-3	81;;;;;27460101;			
1930166;MKDS 1/ 4-3	5 BD:A	B	C	D;;;;;27460101;
1715072;MKDS 1/ 4-3	5 BD:-+H;;;;;27460101;			
1800025;MKDS 1/ 8-3	81 BK;;;;;27460101;			
1706552;MKDS 1/ 2-3	81 BD:B	A SO;;;;;27460101;		
1727010;MKDS 1/ 2-3	81;;;;;27460101;			
1932957;MKDS 1/ 2-3	81 BD:A	B;;;;;27460101;		
1725957;MKDS 1/ 2-3	81 BD:+	-;;;;;27460101;		
1709328;MKDS 1/ 2-3	81 BD: X15 -.2;;;;;27460101;			
1750630;MKDS 1/ 2-3	81 TS;;;;;27460101;			
1708395;MKDS 1/ 3-3	81 BD:1-3;;;;;27460101;			
1753077;MKDS 1/ 3-3	81 PA 1	3;;;;;27460101;		
1727023;MKDS 1/ 3-3	81;;;;;27460101;			
1820589;MKDS 1/ 4-3	5 HT BK;;;;;27460101;			
1050603;MKDS 1/ 4-3	5 HT BK R24;;;;;27460101;			
1932410;MKDS 1/ 4-3	81 HT BK;;;;;27460101;			
1701302;MKDS 1/ 4-3	81HTBKP1	65BDR24TS;;;;;27460101;		
1871267;MKDS 1/ 4-3	81 BD:4-1;;;;;27460101;			
1724835;MKDS 1/ 4-3	81 BD:1-4;;;;;27460101;			
1727036;MKDS 1/ 4-3	81;;;;;27460101;			
1708397;MKDS 1/ 4-3	81 BD:SP-1;;;;;27460101;			
1708396;MKDS 1/ 4-3	81 BD:4-SP;;;;;27460101;			
1709324;MKDS 1/ 4-3	81 BD: X18-.4;;;;;27460101;			
1709325;MKDS 1/ 4-3	81 BD: X16-.4;;;;;27460101;			
1751345;MKDS 1/12-3	5;;;;;27460101;			
1828219;MKDS 1/12-3	5 BD:12-1;;;;;27460101;			
1908645;MKDS 1/12-3	5 BD: X4-.12;;;;;27460101;			
1870572;MKDS 1/ 2-3	81 BK;;;;;27460101;			
1751361;MKDS 1/14-3	5;;;;;27460101;			
1751387;MKDS 1/16-3	5;;;;;27460101;			
1751374;MKDS 1/15-3	5;;;;;27460101;			
1751358;MKDS 1/13-3	5;;;;;27460101;			
1194576;MKDS 1/10-3	5 BD:0-9 MQ;;;;;27460101;			
1751329;MKDS 1/10-3	5;;;;;27460101;			
1274738;MKDS 1/10-3	5 BD:10-1;;;;;27460101;			

1457324;MKDS 1/10-3	5 BD:1-10NZ;;;;;27460101;			
1713714;MKDS 1/11-3	5 OP;;;;;27460101;			
1751332;MKDS 1/11-3	5;;;;;27460101;			
1751303;MKDS 1/ 8-3	5;;;;;27460101;			
1274737;MKDS 1/ 8-3	5 BD:1-8;;;;;27460101;			
1457286;MKDS 1/ 8-3	5 BD:8-1NZ;;;;;27460101;			
1751316;MKDS 1/ 9-3	5;;;;;27460101;			
1751293;MKDS 1/ 7-3	5;;;;;27460101;			
1888632;MKDS 1/ 6-3	5 BD:1-6;;;;;27460101;			
1334600;MKDS 1/ 6-3	5 BD:42-2 QSO MQ;;;;;27460101;			
1697806;MKDS 1/ 6-3	5 BD:0-5SOMQ;;;;;27460101;			
1371215;MKDS 1/ 6-3	5 BD:A+-SG;;;;;27460101;			
1751280;MKDS 1/ 6-3	5;;;;;27460101;			
1751277;MKDS 1/ 5-3	5;;;;;27460101;			
1888658;MKDS 1/ 4-3	5 BD:B	A	B	A;;;;;27460101;
1706293;MKDS 1/ 4-3	5 BD:1-4;;;;;27460101;			
1705584;MKDS 1/ 4-3	5 BD:1		1	2 2;;;;;27460101;
1907458;MKDS 1/ 4-3	5 BD:BABA RDGN;;;;;27460101;			
1828196;MKDS 1/ 4-3	5 BD:13-16;;;;;27460101;			
1930166;MKDS 1/ 4-3	5 BD:A	B	C	D;;;;;27460101;
1828206;MKDS 1/ 4-3	5 BD:17-20;;;;;27460101;			
1751264;MKDS 1/ 4-3	5;;;;;27460101;			
1050488;MKDS 1/ 4-3	5 PROFINET 2;;;;;27460101;			
1715072;MKDS 1/ 4-3	5 BD:-+H;;;;;27460101;			
1888616;MKDS 1/ 3-3	5 BD:1-3;;;;;27460101;			
1751251;MKDS 1/ 3-3	5;;;;;27460101;			
1888807;MKDS 1/ 2-3	5 BD:1		2;;;;;27460101;	
1751248;MKDS 1/ 2-3	5;;;;;27460101;			
1905324;MKDS 1/ 3-3	81 BK;;;;;27460101;			
1904875;MKDS 1/ 4-3	81 BU;;;;;27460101;			
1727104;MKDS 1/11-3	81;;;;;27460101;			
1727094;MKDS 1/10-3	81;;;;;27460101;			
1727081;MKDS 1/ 9-3	81;;;;;27460101;			
1727078;MKDS 1/ 8-3	81;;;;;27460101;			
1727065;MKDS 1/ 7-3	81;;;;;27460101;			
1252456;MKDS 1/ 7-3	81 BD:12V-ERD;;;;;27460101;			

1727052;MKDS 1/ 6-3	81;;;;;27460101;	
1727049;MKDS 1/ 5-3	81;;;;;27460101;	
1753064;MKDS 1/ 5-3	81 PA 1	3 5;;;;;27460101;
1991477;MKDS 1/14-3	5 GY NZ 2202390;;;;;27460101;	
1728390;MKDS 1/14-3	5 GY P2	0 BDNZ:897;;;;;27460101;
1893353;MKDS 1/14-3	5 GYBDNZ13040986;;;;;27460101;	
1829904;MKDS 1/ 5-3	81 HT BK P1	65;;;;;27460101;
1825380;MKDS 1/12-3	81 BD:AM-SD;;;;;27460101;	
1752638;MKDS 1/12-3	81 TS;;;;;27460101;	
1727117;MKDS 1/12-3	81;;;;;27460101;	
1163717;MKDS 1/ 4-3	5 YE;;;;;27460101;	
1162415;MKDS 1/ 4-3	5 BU;;;;;27460101;	
1800032;MKDS 1/13-3	5 BK;;;;;27460101;	
1800025;MKDS 1/ 8-3	81 BK;;;;;27460101;	
1800017;MKDS 1/ 5-3	81 BK;;;;;27460101;	
1800020;MKDS 1/ 6-3	81 BK;;;;;27460101;	
1800015;MKDS 1/ 4-3	81 BK;;;;;27460101;	
1716946;MKDS 1/ 3-3	5 BK H0L;;;;;27460101;	
1716933;MKDS 1/ 2-3	5 BK H0L;;;;;27460101;	
1800016;MKDS 1/ 5-3	5 BK;;;;;27460101;	
1005620;MKDS 1/ 6-3	81 HT BK P1	65;;;;;27460101;
1985836;MKDS 1/ 3-3	81 HT BK;;;;;27460101;	
1984950;MKDS 1/ 3-3	5 HT BK;;;;;27460101;	
1700450;MKDS 1/ 3-3	81 YE;;;;;27460101;	
1766789;MKDS 1/10-3	81 GTBU;;;;;27460101;	

PCN/PDN Number	Customer Number	Company Name	Street	Postcode/Zip Code	City	Phoenix Contact Item-Nr. (changed/discontinued article)
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1727049
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1727036
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1727081
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1751264
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1727094
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1751329
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1751280
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1727023
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1751248
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1727010

Phoenix Contact Item Designation (changed/discontinued article)

- MKDS 1/ 5-3,81
- MKDS 1/ 4-3,81
- MKDS 1/ 9-3,81
- MKDS 1/ 4-3,5
- MKDS 1/10-3,81
- MKDS 1/10-3,5
- MKDS 1/ 6-3,5
- MKDS 1/ 3-3,81
- MKDS 1/ 2-3,5
- MKDS 1/ 2-3,81

PCN/PDN Number	Customer Number	Company Name	Street	Postcode/Zip Code	City	Phoenix Contact Item-Nr. (changed/discontinued article)
CAA230054-08	401641	TTI, INC.	2441 NORTHEAST PKWY	76106	FORT WORTH	1727023

Phoenix Contact Item Designation (changed/discontinued article)

MKDS 1/ 3-3,81

Phoenix Contact Article-Nr. (customer specific)

1700042

Phoenix Contact Article Designation (customer specific)

MKDS 1/3-3.81 PRTD