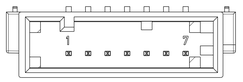
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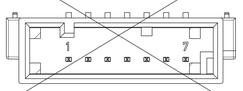
Project No. PRJ-18-000901585

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW DRAWING	05JUL2018	AJ	KK
	A2	ECR-19-004285	18MAR2019	SK	KK
	A3	PCN-22-142062	07JUL2022	FRAN	SCHÖ
	B	Correction of coding ribs	13FEB2024	FRAN	SCHÖ

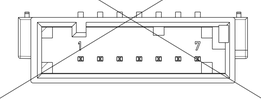
X-2315409-2 COD.B



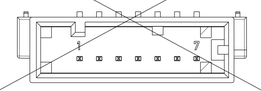
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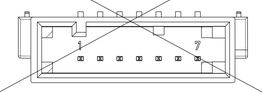
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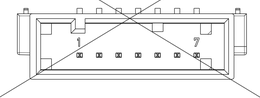
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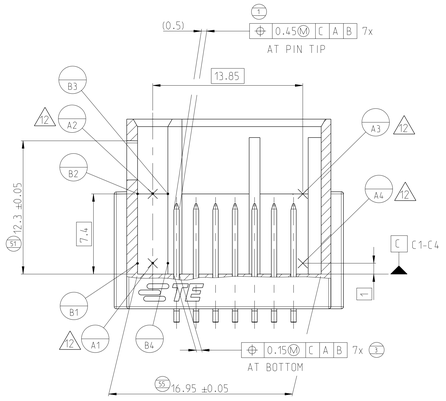
X-2315409-6 COD.F



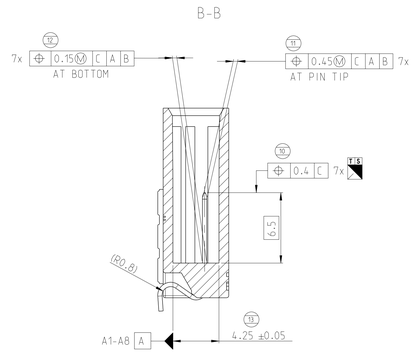
X-2315409-9 COD.Z

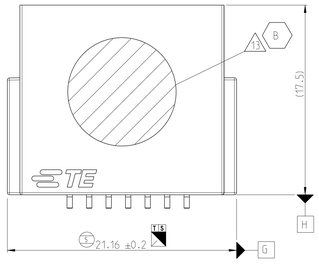


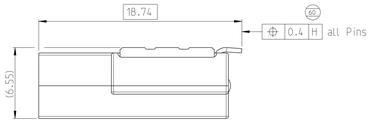
A-A

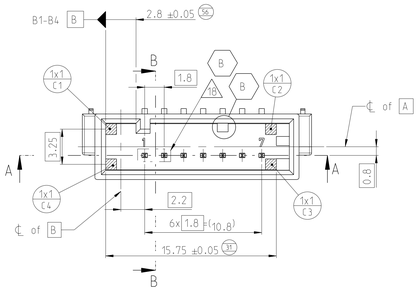


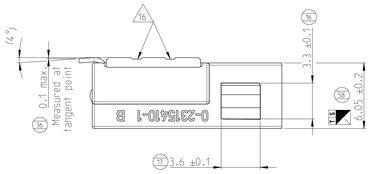
B-B

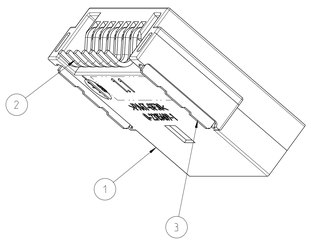


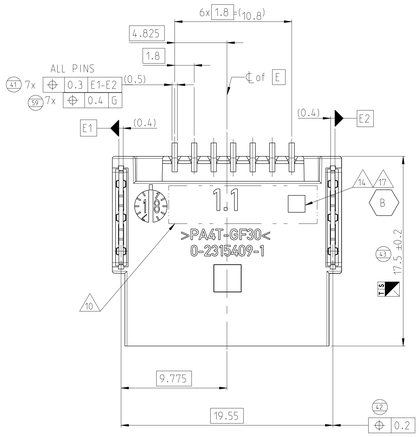


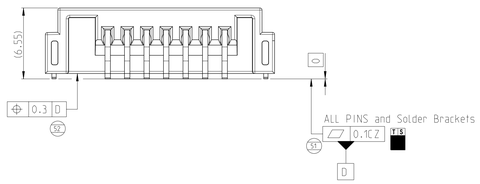




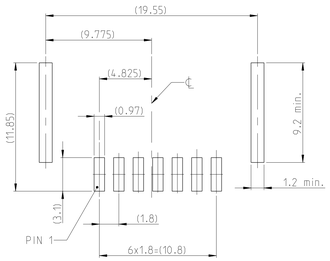








POSSIBLE PCB LAYOUT
CUSTOMER IS RESPONSIBLE FOR FINAL LAYOUT
Empfohlenes PCB Layout
Kunde ist verantwortlich fuer finales Layout



NOTES
Bemerkungen

111 1. PRESS OUT FORCE FOR NANOMQS CONTACT >15N WITH FEED RATE 25mm/min
Kontaktausdrueckkraft fuer NanoMQS Kontakt >15N mit Vorschubgeschwindigkeit 25mm/min
PULL OUT FORCES FOR SOLDER BRACKETS >60 N WITH FEED RATE 25mm/min
Kontakausreisskraft fuer Solder Brackets >60 N mit Vorschubgeschwindigkeit 25mm/min

112 2. INTERFACES ACC. TO 114-94000-17, REV. B1, Version 1 29.APR.2016 AND 208-18060 REV A1
Schnittstellen nach 114-94000-17, Rev. B1, Version 1 29. April 2016 und 208-18060 Rev A1

113 3. SOLDERING PROCESS: LEAD-FREE REFLOW SOLDERING IN REFERENCE TO JEDEC J-STD-020D
Loetprozess: Bleifreies Loeten in Anlehnung an die JEDEC J-STD-020D

114 4. INTERFACE IS NOT PART OF PPAP; TE CONNECTIVITY IS RESPONSIBLE FOR CONNECTOR SYSTEM
Schnittstelle ist nicht Bestandteil des PPAP, TE Connectivity ist verantwortlich fuer das Stecksystem

115 △5 TOLERANCES ACC. TO DIN EN ISO 8015, DIN EN ISO 14405-1
GENERAL TOL. ACC. TO DIN 16742 TG5, EXCEPT ANGLE DIM. (SEE TITLE BLOCK)
Tolerierung nach DIN EN ISO 8015, DIN EN ISO 14405-1
Allgemeintoleranzen nach DIN 16742 TG5, ausser Winkelmasse (siehe Schriftkopf)

116 6. PACKAGING IN TAPE & REEL ACC. TO V2315409
Verpackung in Tape & Reel nach V2315409

117 △7 SOLDER BRACKET SURFACE 3-8µm Sn OVER 1-2.5µm Ni
Loetblechoberflaeche 3-8µm Sn ueber 1-2.5µm Ni

118 △8 CONTACT SURFACE SOLDER SIDE 3-8µm Sn OVER 1-2.5µm Ni. MATING SIDE Sn ACC. 114-94201
Kontaktoberflaeche Loetseitig 3-8µm Sn ueber 1-2.5µm Ni, Steckseite Sn nach 114-94201

119 9. FOR MISSING DIMENSION SEE CAD-MODEL X-2315409-X, REV. A
Fehlende Masse sind dem CAD-Model X-2315409-X, Rev. A zu entnehmen

120 △10 AREA OF GOOD PART MARKING: WITH PUNCH MARK OR LASER MARKING
Bereich der Gutteilmarkierung: Mit Koernerpunkt oder Lasermarkierung

121 11. ELECTRICAL 100% FINAL INSPECTION FOR CONTINUITY AND SHORT CIRCUIT
T1 T5 AS WELL AS EXISTENCE OF ALL CONTACTS
Elektrische 100% Endpruefung auf Durchgang und Kurzschluss,
sowie das Vorhandensein aller Kontakte

122 △12 REFERENCE POINTS A5,6,7,8 ARE ON OPPOSITE SITE OF A1,2,3,4
Bezugspunkte zu A5,6,7,8 auf gegenueberliegender Seite von A1,2,3,4

93 △13 VACUUM GRIP AREA FREE OF BURR AND EJECTOR PINS (DIAMETER 10mm)
Ansaugflaeche frei von Grat und Auswerferstiften (Durchmesser 10mm)

125 △14 COLOURED IDENTIFICATION MARK FOR C-SAMPLES
Farbliche Markierung fuer C-Muster

126 15. POSITION OF HOUSING PN: REVISION AND MATERIAL MARKING MAY DIFFER FROM SERIES TO PRE-SERIES
Position der Gehaeuse-PN, Revision und Materialkennzeichnung abweichend von Serie zu Vorserie

126 △16 CUT OUT WITH PLAIN STAMPING EDGES
Ausschnitt mit blanken Stanzkanten

127 △17 GOOD PART MARKING FOR SEMI AUTOMATIC PRODUCTION LINE
Gutteilmarkierung fuer halbautomatische Produktionslinie

128 △18 PINS OPTIONAL ALLOWED, BUT AT CPA-CONNECTOR WITHOUT ELECTRIC FUNCTION
Pins optional zulaessig, aber bei CPA-Stecker ohne elektrische Funktion

SERIES													
x- -1	x- -2	x- -3	x- -4	n/a	n/a	x- -9	PN: 2282155 - suitable Receptacle Housing w/o CPA						
x- -1	x- -2	n/a	n/a	n/a	n/a	n/a	PN: 2333105 - suitable Receptacle Housing w/ CPA						
2	2	2	2	2	2	2	Solder Brackets	-	-	Copper-Alloy	△7	-	3
7	7	7	7	7	7	7	NanoMQS Pin	-	-	Copper-Alloy	△8	-	2
-	-						7Pos Header HSG	Z	B	PA6T-GF30	waterblue	5021	1
-	-						7Pos Header HSG	F	B	PA6T-GF30	brown	tbd	1
-	-	-	-	1	-	-	7Pos Header HSG	E	B	PA6T-GF30	green	tbd	1
-	-	-	1	-	-	-	7Pos Header HSG	D	B	PA6T-GF30	claret-violet	4004	1
-	-	1	-	-	-	-	7Pos Header HSG	C	B	PA6T-GF30	blue	5005	1
-	1	-	-	-	-	-	7Pos Header HSG	B	B	PA6T-GF30	nature	-	1
1	-	-	-	-	-	-	7Pos Header HSG	A	B	PA6T-GF30	black	9011	1
							DESCRIPTION	COD.	REV	MATERIAL	SURFACE/ COLOR	RAL (similar)	POS.
B	B	B	B	B	B	B	Assy. REV.						
0-x-1	0-x-2	~~0-x-3~~	~~0-x-4~~	~~0-x-5~~	~~0-x-6~~	~~0-x-9~~	TE PART NUMBER						
1.687	1.687	~~1.673~~	~~1.662~~	1.672	1.691	~~1.645~~	theoretical weight [gr.]						

0-2315409-1 AS SHOWN
wie gezeichnet

T1 T5 100% Inspection
100% Pruefung
T1 T5 Cmk>= 1.67
Cmk>= 1.67
T1 T5 GAUGE INSPECTION
Lehren Pruefung

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED: 1 PLC ±0.5, 2 PLC ±0.25, 3 PLC ±0.125, ANGLES ±4°
MATERIAL: -
FINISH: -
finish_sper_2

DWN Ajay Naik 17APR2018
CHK Kareppa. K 17APR2018
APVD A.Burkhard -
PRODUCT SPEC 108-94871
APPLICATION SPEC - -
WEIGHT -

TE Connectivity
NAME 7POS_NanoMQS_Header_Assy_90DEG_SMD
SIZE A0 | CAGE CODE 00779 | DRAWING NO C-2315409 | RESTRICTED TO -
CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV B

printed on 13 Feb 2024 13:48 (Mitteleuro from TE2DWG)

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Global Electronic Components Distributor

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TE Connectivity:

1743455-2 2-292161-3 SMW73R0JT 1-962915-1 1393431-1 1903112-2 2834055-1 650075-000 917696-1
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