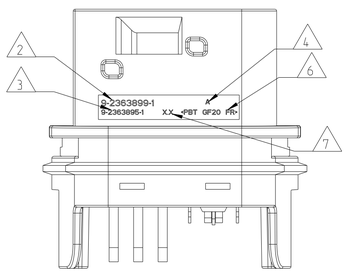
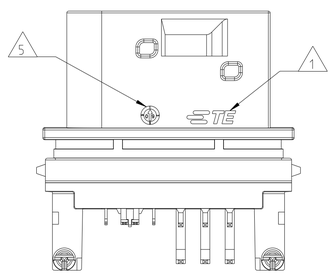
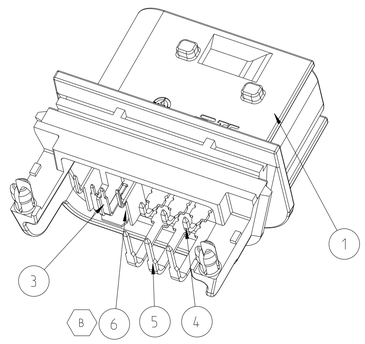
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	NEW DRAWING	19DEC2019	SH	JB
	A1	Shield and Solder Adapter updated.	24MAR2020	SH	JB
	A2	9-2364076-2 shape in solder area adjusted	23JUN2020	SH	JB
	B	AS PER PCN-24-204363	07DEC2023	SM	WR







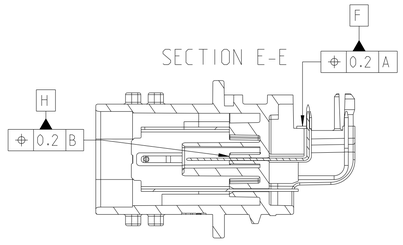
NOTES:
Bemerkungen:

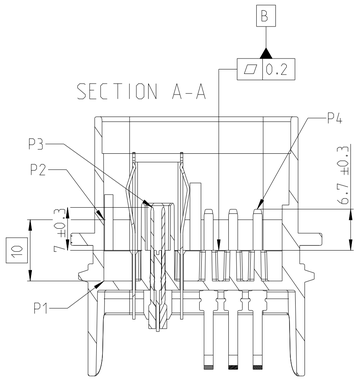
1. TE CONNECTIVITY (TE) LOGO
   TE Connectivity (TE) Logo
2. TE ASSEMBLY-NUMBER
   TE Baugruppennummer
3. TE SINGLE PART NUMBER
   TE Einzelteilnummer
4. LETTER INSERT FOR THE TOOL REVISION.
   Schrifteinsatz für Werkzeugänderungsindex.
5. PRODUCTION DATE WITH DATE-CLOCK
   Produktionsdatum mit Datumsuhr
6. MATERIAL MARKING ACCORDING TO VDA 260
   Materialkennzeichnung nach VDA 260
7. MOLD CAVITY MARKING
   Nestmarkierung
8. PLATING SPECIFICATION 0.5 TAB:
   CONTACT AREA: MIN. 4MM FROM CONTACT TIP >3 µm ELECTROPLATED SILVER OVER NICKEL
   SOLDER TAIL AREA: MIN. 3.5MM FROM SOLDER TAIL TIP COVERED WITH 3-8 µm TIN OVER NICKEL UNDERPLATING: ELECTROPLATED NICKEL
   Beschichtungsspezifikation 0.5 Tab:
   Kontaktbereich: min. 4mm von der Kontaktspitze >3 µm galvanisch Silber über Nickel
   Lötbereich: min. 3.5mm von der Lötspitze 3-8 µm verzinnt über Nickel Grundbeschichtung: galvanisch Nickel
9. PLATING SPECIFICATION 1.5 TAB:
   CONTACT AREA: MIN. 6MM FROM CONTACT TIP >3 µm ELECTROPLATED SILVER OVER NICKEL
   SOLDER TAIL AREA: MIN. 4MM FROM SOLDER TAIL TIP COVERED WITH 3-10 µm TIN OVER NICKEL UNDERPLATING: ELECTROPLATED NICKEL
   Beschichtungsspezifikation 1.5 Tab:
   Kontaktbereich: min. 6mm von der Kontaktspitze >3 µm galvanisch Silber über Nickel
   Lötbereich: min. 4mm von der Lötspitze 3-10 µm verzinnt über Nickel Grundbeschichtung: galvanisch Nickel
10. TIP OF SOLDER TAIL CAN BE INSERTED INTO RECOMMENDED PCB (t=1.2 OR t=1.6)
    THE DESIGN IS OPTIMIZED FOR A PCB WITH t=1.6±0.16mm ONLY.
    Die Lötspitze kann in die empfohlenden PCBs eingeführt werden (t=1.2 oder t=1.6)
    Das Design is auf ein PCB mit t=1.6±0.16mm optimiert.
11. PACKED IN TRAY ACCORDING PACKAGING SPEC. V2363899
    Verpackt im Tray entsprechend Verpackungs-Spezifikation V2363899
12. TO BE MATED WITH HDSCnet CONNECTOR 2331355-1
    Zu verwenden mit HDSCnet Stecker 2331355-1
13. 100% ELECTRIC. CONTINUITY (LV TEST),
    SHORT CIRCUIT (HV TEST) AND PRESENCE TESTING
    100% elektrische-. Durchgangs-(LV Test), Kurzschluss-(HV Test)
    und Anwesenheitspruefung
14. MIN. RETENTION FORCE:
    min. Ausdrueckkraft:

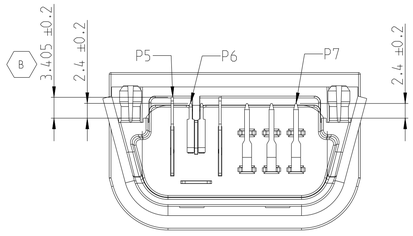
    0.5 TAB: 15N 25MM/MIN
    1.5 TAB: 20N 25MM/MIN
15. THE HEADER WILL BE SOLDERD BY LEAD FREE WAVE SOLDER PROCESS
    Die Messerleiste wird mit einem bleifreien Wellen-Lötprozess verlötet.
16. USE GLOVES FOR MANUAL HANDLING
    Handschuhe bei manueller Handhabung verwenden
17. PODUCTION DATE OF ASSEMBLY: DDMMMYYYY 2 DIGIT DAY 3 LETTER MONTH 4 DIGIT YEAR E.G. 17NOV2016
    Produktionsdatum der Baugruppe: TTMMMJJJJ 2 Zahlen Tag 3 Buchstaben Monat 4 Zahlen Jahr Bsp. 17NOV2016
18. DIFFERENT CODINGS
    Unterschiedliche Kodierun
B 19. THE USAGE OF NON-VALIDATED B-SAMPLES FOR THE PURPOSE OTHER THAN FIT-FORM IS NOT INTENDED BY TE AND SHALL BE AT CUSTOMER OWN RISK

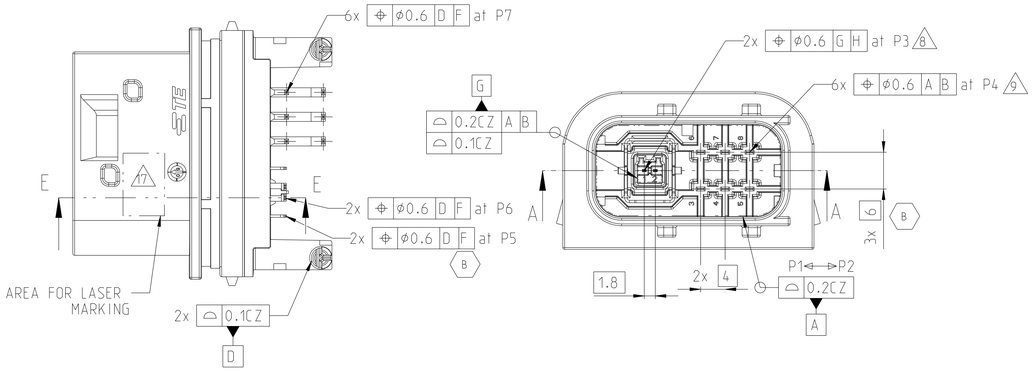
B

FOR PROTOTYPE B-SAMPLE ONLY
NUR FUER B-MUSTER



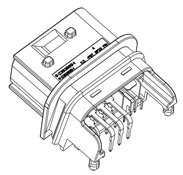






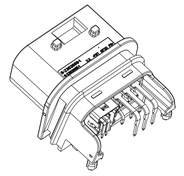
Regular Version
9-2363899

SCALE 1:1



Reverse Version
8-2363899

SCALE 1:1



TE ASSY NO.	CODING	REV	Qty. reqd per Assy						COLOUR	ITEM NO.
8-2363899-6	F	A	1	-	6	6	2	1	0	RED rot	12
8-2363899-5	E	A	1	-	6	6	2	1	0	WHITE weiss	11
8-2363899-4	D	A	1	-	6	6	2	1	0	BLUE blau	10
8-2363899-3	C	A	1	-	6	6	2	1	0	GREEN gruen	9
8-2363899-2	B	A	1	-	6	6	2	1	0	GREY grau	8
8-2363899-1	A	A	1	-	6	6	2	1	0	BLACK schwarz	7
9-2363899-6	F	A	-	1	6	6	2	0	1	RED rot	6
9-2363899-5	E	A	-	1	6	6	2	0	1	WHITE weiss	5
9-2363899-4	D	A	-	1	6	6	2	0	1	BLUE blau	4
9-2363899-3	C	A	-	1	6	6	2	0	1	GREEN gruen	3
9-2363899-2	B	A	-	1	6	6	2	0	1	GREY grau	2
B 9-2363899-1	A	B	-	1	6	6	2	0	1	BLACK schwarz	1

ITEM NO.	REV	MATERIAL	DESCRIPTION
1	A	CrN1	HD MATEnet Shield Reverse
2	A	CrN1	HD MATEnet Shield
3	A	CuSn	1.5x0.64 AMP MCP TAB Long
4	A	CuSn	1.5x0.64 AMP MCP TAB Short
5	A	CuNiSi	MATENET TAB
6	A	PBT GF20 /V-0	HDSCnet 1+6 90° Header HSG. D Reverse
20	A	PBT GF20 / V-0	HDSCnet 1+6 90° Header HSG. D

B

DIMENSION AND TOLERANCES ACCORDING TO:
Bemaßungen und Toleranzen gemäß

DIN 16742
DIN EN ISO 8015 (AD) - DIN EN ISO 291
DIN EN ISO 14405

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL -
FINISH -

DWN	S. Helm	18DEC2019
CHK	K.Schang	19DEC2019
APVD	J. Barth	19DEC2019
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

TE Connectivity

NAME: HD MATEnet 1+6 HDR ASSY, GRP D, 90DEG
HD MATEnet 1+6 HDR ZSB, GFK D, 90GRAD
B

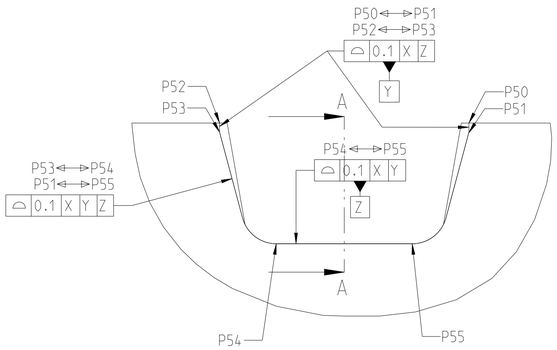
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A	00779	C-2363899	-

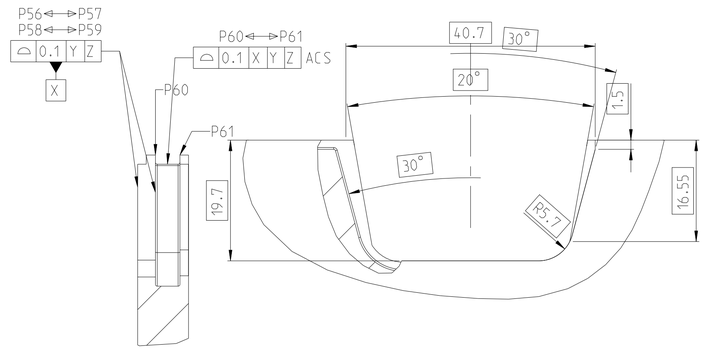
CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 3 | REV B

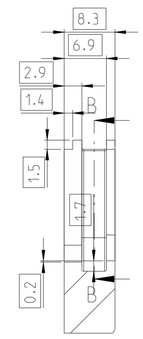
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

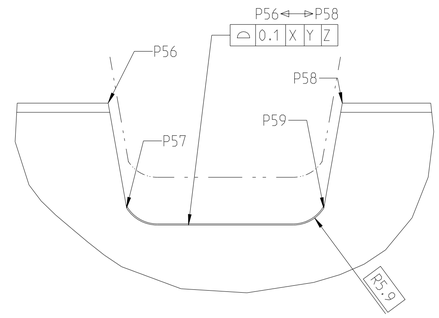
ECU LAYOUT FOR ALL GROUP D 90DEG HEADER
Steuergeraete Layout fuer alle Header gruppe D 90 Grad

RECOMMENDED ECU LAYOUT / CUSTOMER IS RESPONSIBLE FOR LAYOUT
Empfohlenes Steuergeraete Layout / Kunde ist verantworltich fuer das Layout



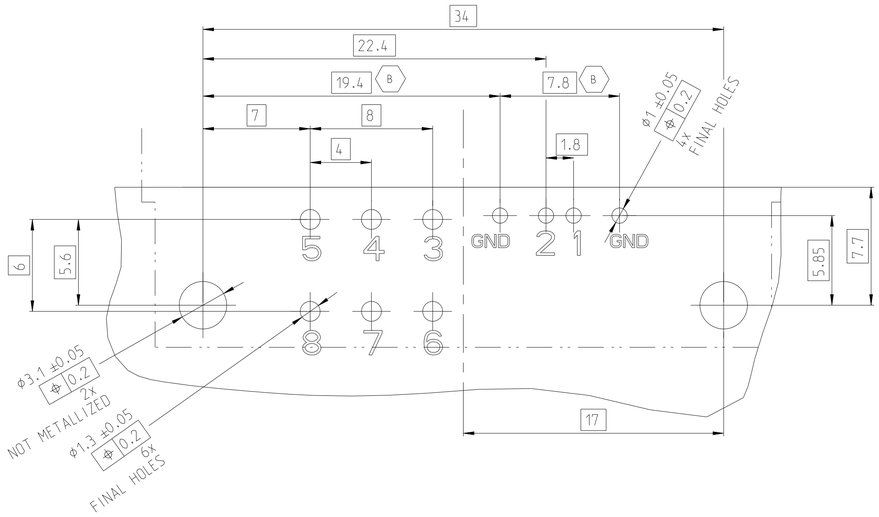






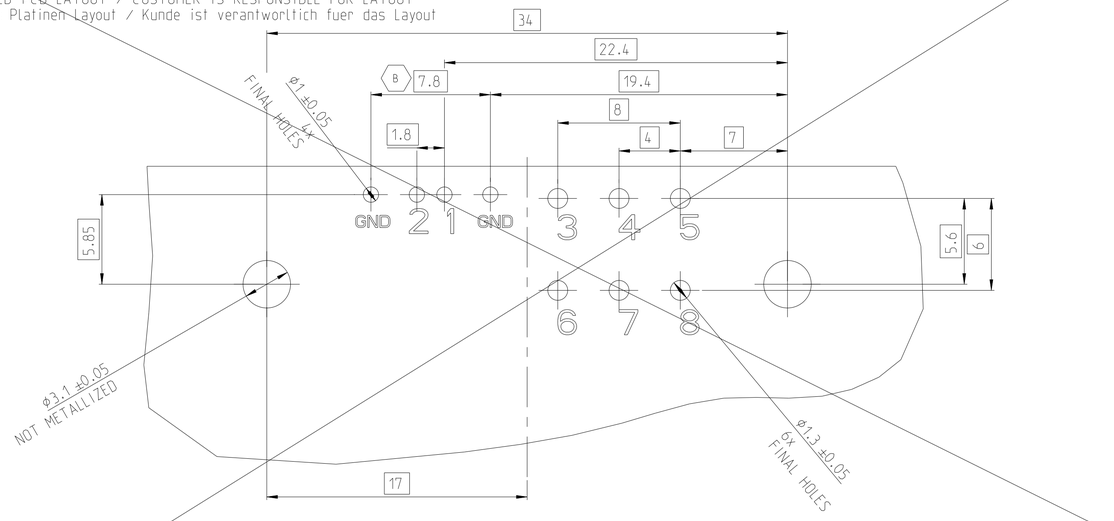
B PCB LAYOUT FOR REGULAR HEADER (9-)
Platinen Layout fuer normale Ausfuehrung des Header (9-)

RECOMMENDED PCB LAYOUT / CUSTOMER IS RESPONSIBLE FOR LAYOUT
Empfohlenes Platinen Layout / Kunde ist verantworltich fuer das Layout



B PCB LAYOUT FOR REVERSE HEADER (8-)
Platinen Layout fuer gedrehte Ausfuehrung des Header (8-)

RECOMMENDED PCB LAYOUT / CUSTOMER IS RESPONSIBLE FOR LAYOUT
Empfohlenes Platinen Layout / Kunde ist verantworltich fuer das Layout



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL: -
FINISH: -

DWN S. Helm 18DEC2019
CHK K.Schang 19DEC2019
APVD J. Barth 19DEC2019
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME HD MATEnet 1+6 HDR ASSY, GRP D, 90DEG
HD MATEnet 1+6 HDR ZSB, GFK D, 90GRAD
- B

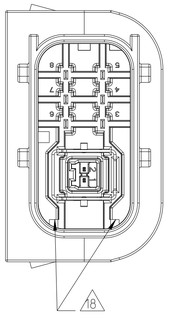
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2363899	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 2 OF 3 | REV B

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

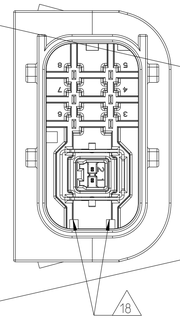
8-2363899-X
HDSCnet Header 90° Assy E- Reverse (B)

CODING "A"
Kodierung



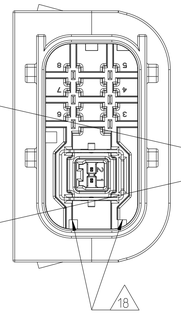
PN: 8-2363899-1

CODING "B"
Kodierung



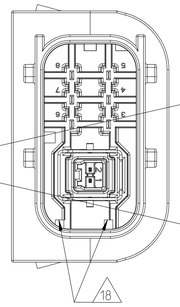
PN: 8-2363899-2

CODING "C"
Kodierung



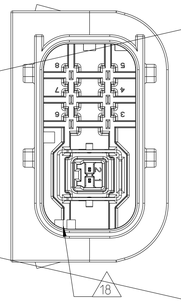
PN: 8-2363899-3

CODING "D"
Kodierung



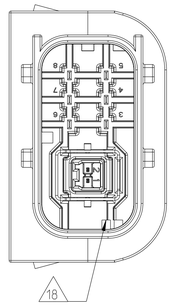
PN: 8-2363899-4

CODING "E"
Kodierung



PN: 8-2363899-5

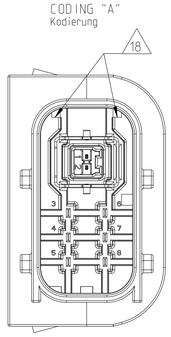
CODING "F"
Kodierung



PN: 8-2363899-6

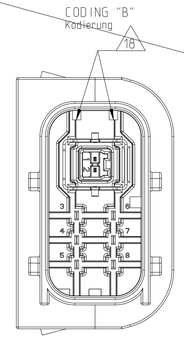
9-2363899-X
HDSCnet Header 90° Assy E- Regular (B)

CODING "A"
Kodierung



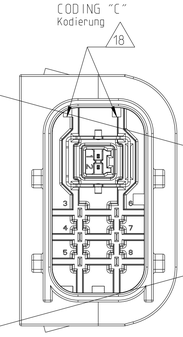
PN: 9-2363899-1

CODING "B"
Kodierung



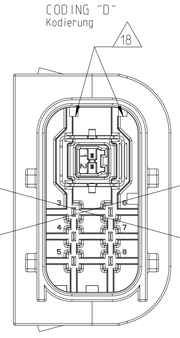
PN: 9-2363899-2

CODING "C"
Kodierung



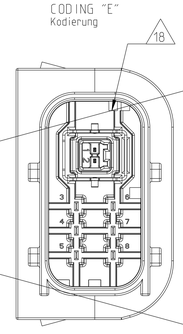
PN: 9-2363899-3

CODING "D"
Kodierung



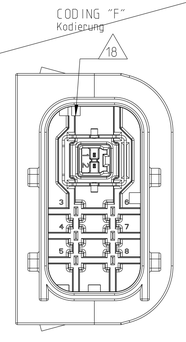
PN: 9-2363899-4

CODING "E"
Kodierung



PN: 9-2363899-5

CODING "F"
Kodierung



PN: 9-2363899-6

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL: -

FINISH: -

DWN: S. Helm 18DEC2019
CHK: K.Schang 19DEC2019
APVD: J. Barth 19DEC2019

TE Connectivity

NAME: HD MATEnet 1+6 HDR ASSY, GRP D, 90DEG
HD MATEnet 1+6 HDR ZSB, GFK D, 90GRAD
B

PRODUCT SPEC: -
APPLICATION SPEC: -
WEIGHT: -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2363899	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 3 OF 3 | REV B