

| REV | MODIFICATIONS | DRAWN BY | CHECKED BY | DD/MM/YY |
|-----|---------------|----------|------------|----------|
| AA | Creation | NT | JZ | 10/11/08 |

Product design

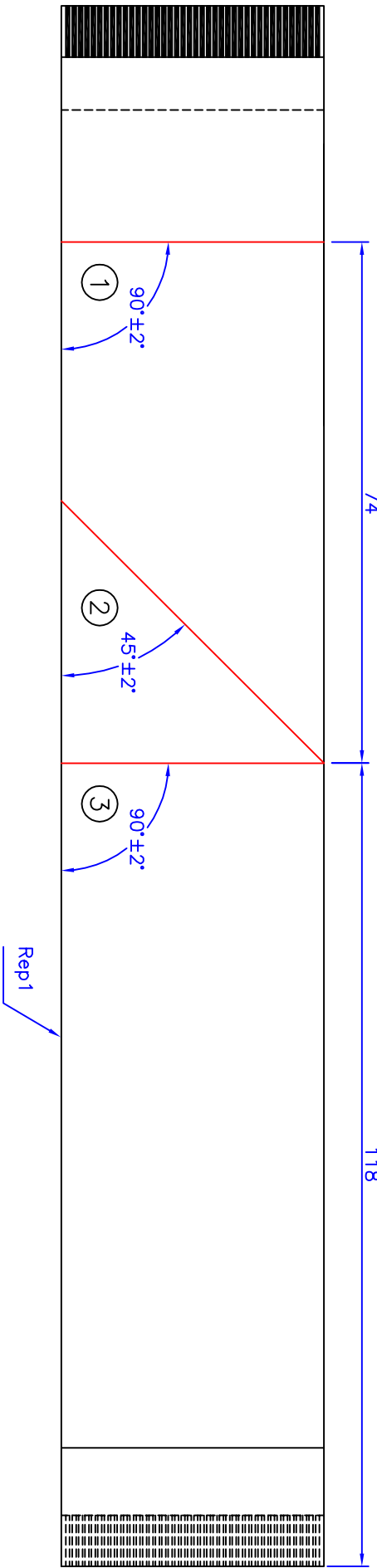
-180°

-180°

-180°

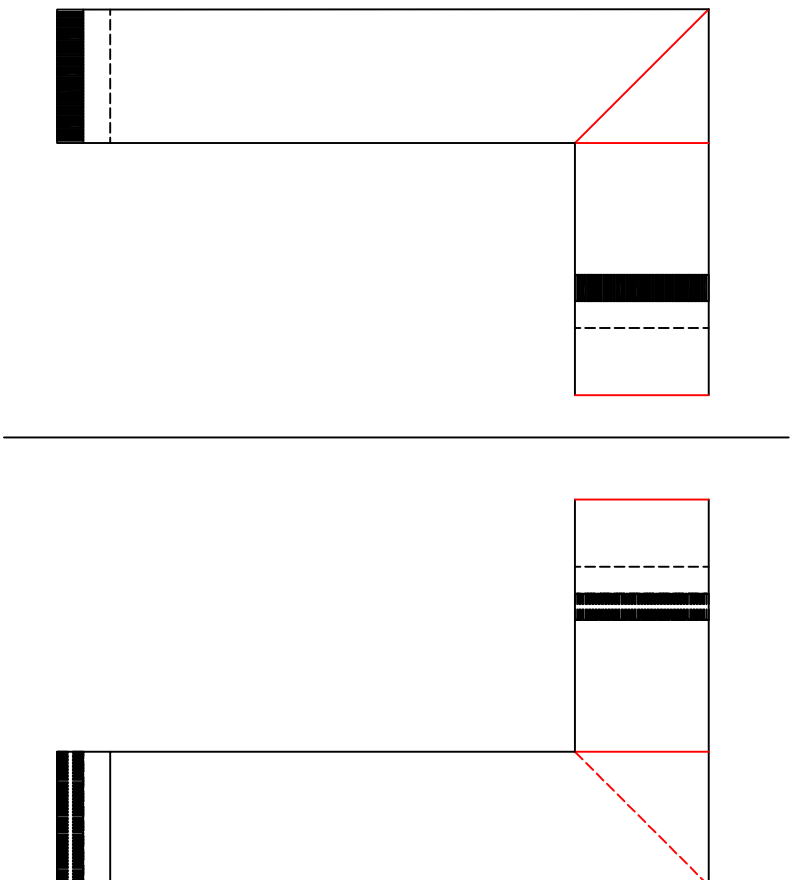
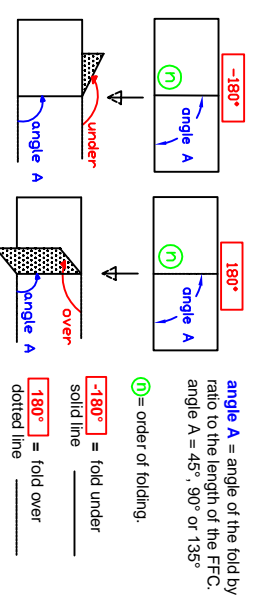
74


118



Product composition

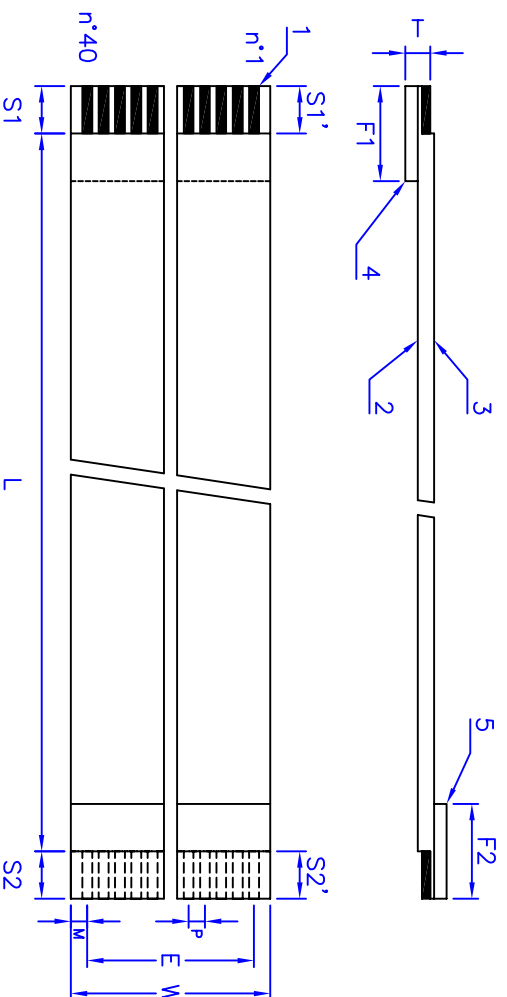
Rep1 : SJ08601A1.dwg



| | | | | | |
|---|--|---|--|---|------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS : MM ANGLES : ° d. | |  axon' KABEL & VERBINDUNGSSYSTEME | | AXON' GmbH 71229 LEONBERG TEL. : +49 7152 97992-0 FAX. : +49 7152 97882-96 www.axon-cable.com | |
| dimension ±2mm angle ±0° | FCO 430/verwe 2007/FR-LU CUSTOMER N° ME-51142542 | TITLE | FCO.50D40/0207S4.0-4.0-08.0-08.0FAU/F3 | REV A | A |
| FILE N° SJ08601A.dwg | SIZE A4 SCALE : N.D. | AXON' GmbH N° | SJ08601 | Prod. | Doc. |
| | | | SHEET 1 of 2 | | |

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DIMENSIONS


| ITEMS | UNITS | SPECIFICATIONS | |
|-----------------------|-------|-------------------|----|
| Number of conductors | - | 40 | |
| Pitch | MM | 0,50 ± 0,05 | P |
| Span | MM | 19,50 ± 0,10 | E |
| Total width | MM | 20,50 ± 0,06 | W |
| Margin | MM | 0,50 +0,15/-0,096 | M |
| Strip length | MM | 4 ± 0,8 | S1 |
| Strip length | MM | 4 ± 0,8 | S2 |
| End thickness | MM | 0,30 ± 0,05 | T |
| Insulated length | MM | 207 ± 5 | L |
| Reinforcement length | MM | 8 ± 2 | F1 |
| Reinforcement length | MM | 8 ± 2 | F2 |
| Strip difference S-S' | MM | 0,30 max | |

CHARACTERISTICS

| ITEMS | VALUE | TEST METHOD |
|--|-----------------|----------------|
| Resistance of conductor | 1460 Ohm/km max | - |
| Conductor to conductor insulation resistance | 10 MOhm.m min | 500 V DC |
| Dielectric test (conductor to conductor) | 1 minute | 200 V AC |
| Temperature rating | -40°C to 105°C | UL style 20706 |
| Voltage rating | 60 V AC max | UL 758 |
| Flame resistance | VW - 1 | |

COMPOSITION

| COMPONENTS | UNITS | SPECIFICATIONS | Item |
|--------------------|------------|---|------|
| Conductor | Material | Tin plated copper (2 µm typ) | 1 |
| | Dimensions | 0,30 x 0,05 mm nominal | |
| Insulation | Material | Polyester+flame retardant adhesive insulation | 2 3 |
| | Thickness | 0,086 mm nominal | |
| Reinforcement tape | Material | Blue polyester | 4 5 |
| | Thickness | 0,180 mm nominal | |

| | | | |
|--|----------------------------|--|----------------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS : MM ANGLES : ° | |  axon KABEL & VERBINDUNGSSYSTEME AXON KABEL GmbH 71229 LEONBERG TEL : +49 7152 97982-0 FAX : +49 7152 97982-96 www.axon-cable.com | |
| PRE-DWG: A02/Amw/ 2007/FR-LM | CUSTOMER N° ME-51142542 | TITLE FFCO.500D40/020754.0-4.0-08.0-08.0FAUJ | |
| FILE N° SJO8601A1.dwg | SIZE A4 | AXON GmbH N° SJO8601 | REV A Prod. A SHEET 2 of 2 |
| SCALE : N.D. | | | |

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