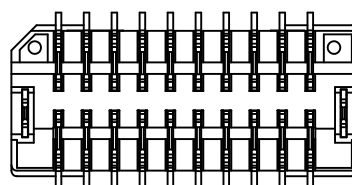
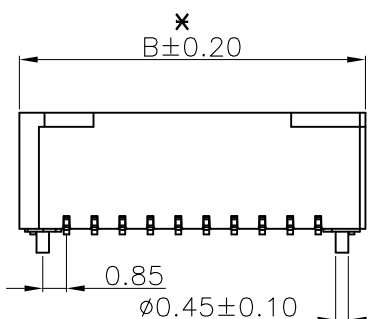
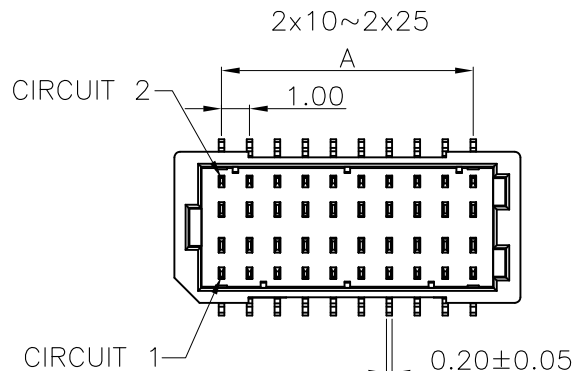
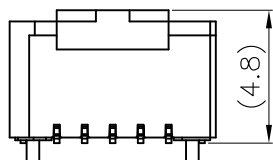
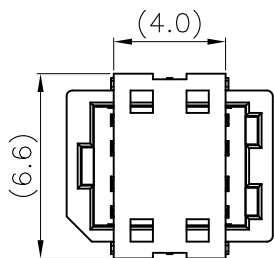
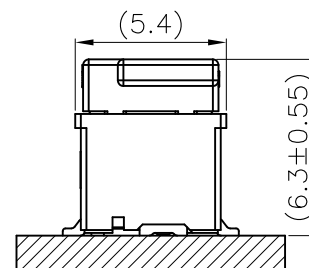
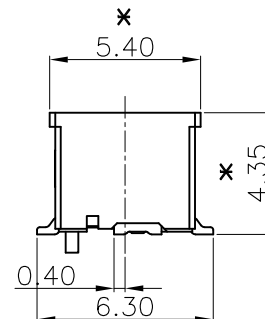
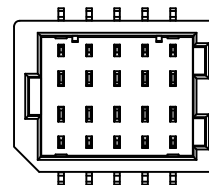


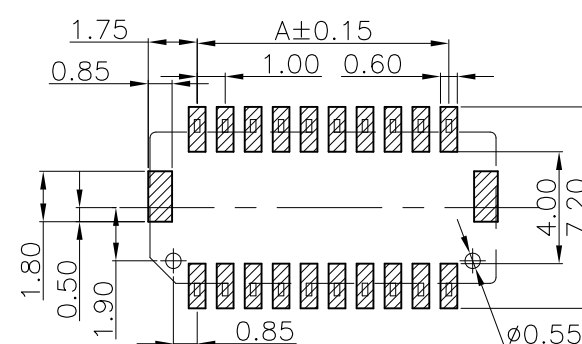
2x04~2x08



2x04~2x08



Mating Condition (REF.)



TOLERANCE: ±0.05
RECOMMENDED P.C.B. Layout
TOP VIEW

| Pin | Dim.(mm) | | Order Code |
|------|----------|-------|-------------|
| | A | B | |
| 2X05 | 4.00 | 7.30 | M40-3020546 |
| 2X06 | 5.00 | 8.30 | M40-3020646 |
| 2X07 | 6.00 | 9.30 | M40-3020746 |
| 2X08 | 7.00 | 10.30 | M40-3020846 |
| 2X10 | 9.00 | 12.30 | M40-3021046 |
| 2X12 | 11.00 | 14.30 | M40-3021246 |
| 2X15 | 14.00 | 17.30 | M40-3021546 |
| 2X20 | 19.00 | 22.30 | M40-3022046 |
| 2X25 | 24.00 | 27.30 | M40-3022546 |

| | | | |
|-------|---|----------|------|
| Leo | 9 | 22.05.19 | A541 |
| Leo | 8 | 08.02.18 | A532 |
| Allan | 7 | 28.07.09 | A225 |
| Allan | 6 | 06.10.08 | A166 |
| Allan | 5 | 25.06.08 | A136 |
| Allan | 4 | 25.06.08 | A132 |
| Allan | 3 | 19.06.08 | A130 |
| Allan | 2 | 29.06.07 | A056 |
| Allan | 1 | 01.08.06 | -- |

| NAME | ISS. | DATE | C/NOTE |
|------|------|------|--------|
|------|------|------|--------|

APPROVED: B.Lim

CHECKED: D.P

DRAWN: Leo

CUSTOMER REF.:

ASSEMBLY DRG:

SPECIFICATIONS:
MATERIAL:
 INSULATION: LCP, UL94V-0 (HALOGEN FREE); COLOR: CREAM
 CONTACT: COPPER ALLOY, t=0.20mm
FINISH:
 MATTE-TIN PLATED OVER NICKEL
ELECTRICAL:
 CURRENT RATING: 1A AC/DC
 WORKING VOLTAGE: 50V AC/DC
 WITHSTANDING VOLTAGE: 500V AC/MINUTE
 CONTACT RESISTANCE: 20 mΩ MAX.
 INSULATION RESISTANCE: 100 MΩ MIN.
ENVIRONMENTAL:
 TEMPERATURE RANGE: -25°C TO +85°C

OBSELETE:
 Loose
 (without R)

NOTE:
 ALL DIMENSIONS AND NOTES MARKED * ARE CRITICAL AND
 MUST BE CHECKED IN ACCORDANCE WITH QUALITY DOC. QI-02A

~~NOTE: REMOVE R FOR LOOSE BAG PACKING~~
 ORDER CODE
 M40-302 XX 46R
 NO. OF WAYS WITH R: REEL PACKING
~~WITHOUT R: LOOSE BAG PACKING
 (10 PCS PER STRIP, 10 STRIPS PER BAG)~~

HARWIN

HARWIN USA
 TEL: 603 893 5376
 FAX: 603 893 5396
 mis@harwin.com

HARWIN Europe (UK)
 TEL: 023 9231 4545
 FAX: 023 9231 4590
 mis@harwin.co.uk

HARWIN Asia
 TEL: +65 6 779 4909
 FAX: +65 6 779 3868
 mis@harwin.com.sg

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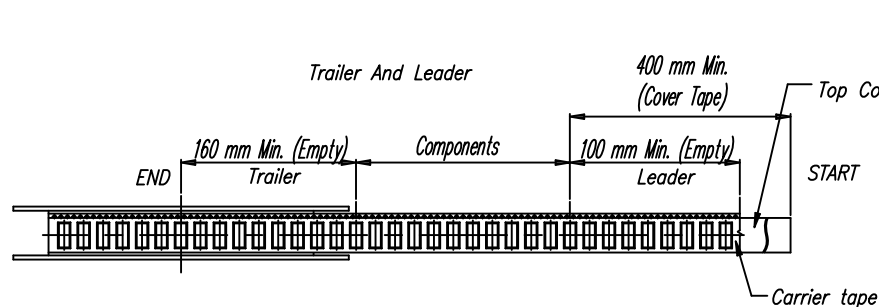
TOLERANCES
 X. = ±1mm
 X.X = ±0.25mm
 X.XX = ±0.15mm
 X.XXX = ±0.08mm
 ANGLES = ±5°
 UNLESS STATED

MATERIAL:
 SEE NOTES
FINISH:
 SEE NOTES
S/AREA: mm²

TITLE:
 WAFER 1.00mm DIL SMT TYPE

DRAWING NUMBER:
 M40-302 XX 46 X

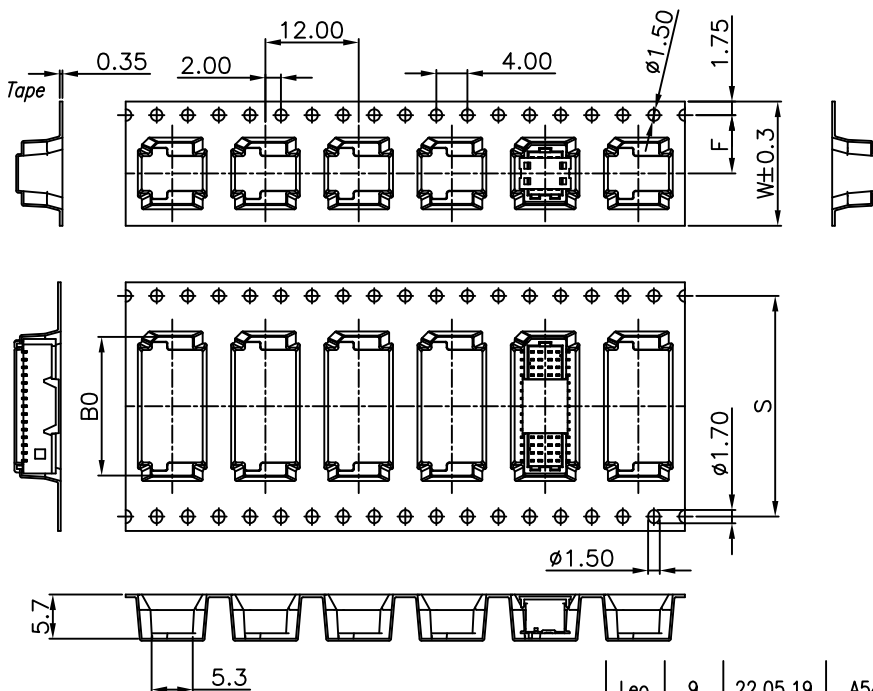
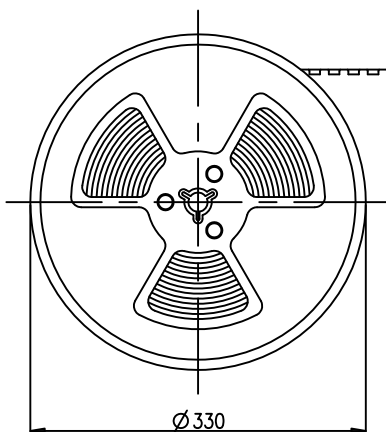
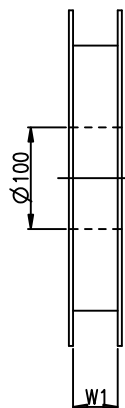
SHT
 1
 OF
 2



PEEL OFF DIRECTION

PEELING ANGLE
165°~180°

PULL OUT DIRECTION



| PIN | B0 | F | S | W | W1 | PIN | B0 | F | S | W | W1 |
|------|-------|-------|----|-------|-------|------|-------|-------|-------|-------|-------|
| 2x04 | 6.85 | 7.50 | -- | 16.00 | 16.50 | 2x10 | 12.85 | 11.50 | -- | 24.00 | 24.50 |
| 2x05 | 7.85 | 7.50 | -- | 16.00 | 16.50 | 2x11 | 13.85 | 11.50 | -- | 24.00 | 24.50 |
| 2x06 | 8.85 | 7.50 | -- | 16.00 | 16.50 | 2x12 | 14.85 | 11.50 | -- | 24.00 | 24.50 |
| 2x07 | 9.85 | 11.50 | -- | 24.00 | 24.50 | 2x15 | 17.85 | 14.20 | 28.40 | 32.00 | 32.50 |
| 2x08 | 10.85 | 11.50 | -- | 24.00 | 24.50 | 2x20 | 22.85 | 20.20 | 40.40 | 44.00 | 44.50 |

- 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE ± 0.20
- CARRIER CAMBER IS WITHIN 1 mm IN 250 mm
- THE TOTAL TEARING CONTROL RANGE OF TOP COVER TAPE IS 10~130g, REFERENCE SPEC: EIA-481-D
- PEELING SPEED: 300mm/MINUTES, REFERENCE SPEC: EIA-481-D
- MATERIAL: TRANSPARENT CONDUCTIVE POLYSTYRENE ALLOY.(UP-5000)
- ALL DIMENSIONS MEET EIA-481-D REQUIREMENTS
- THICKNESS : 0.40 ± 0.05 mm
- COMPONENT LOAD PER 13" REEL : 1000 PCS

NOTE: ALL DIMENSIONS AND NOTES MARKED * ARE CRITICAL AND MUST BE CHECKED IN ACCORDANCE WITH QUALITY DOC. QI-02A

| | | | |
|-------|---|----------|------|
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| Allan | 3 | 19.06.08 | A130 |
| Allan | 2 | 29.06.07 | A056 |
| Allan | 1 | 01.08.06 | -- |

| NAME | ISS. | DATE | C/NOTE |
|------|------|------|--------|
|------|------|------|--------|

APPROVED: B.Lim

CHECKED: D.P

DRAWN: Leo

CUSTOMER REF.:

ASSEMBLY DRG:

HARWIN

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TOLERANCES
X. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.15 mm
X.XXX = ± 0.08 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL: SEE NOTES
FINISH: SEE NOTES
S/AREA: mm²

TITLE:
WAFER 1.00mm DIL SMT TYPE

DRAWING NUMBER:
M40-302 XX 46 X

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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