

Customer Information Sheet

DRAWING No.: F05-400XX45R

SHEET 3 OF 4

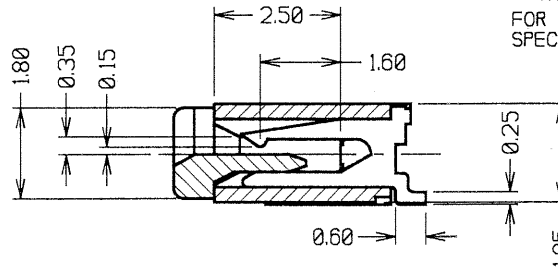
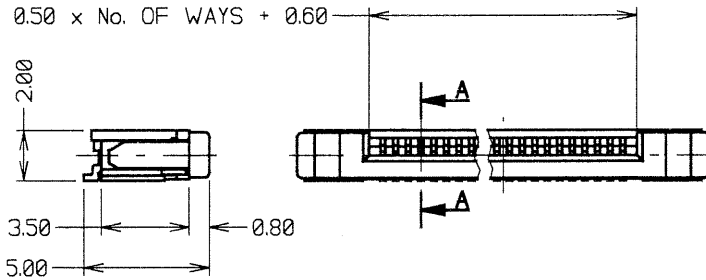
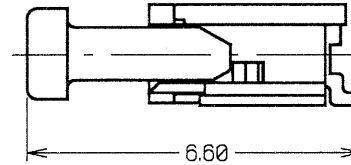
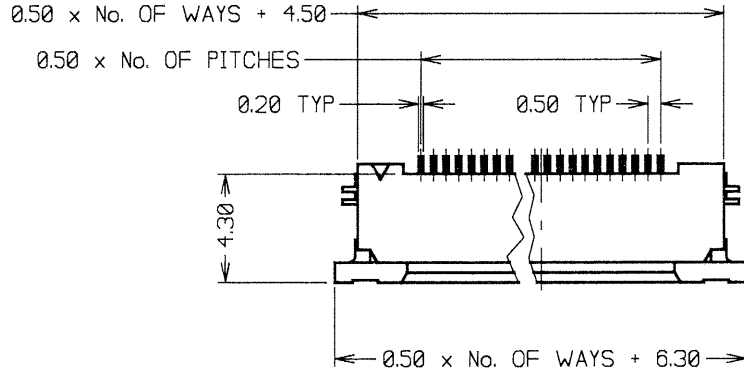
IF IN DOUBT - ASK

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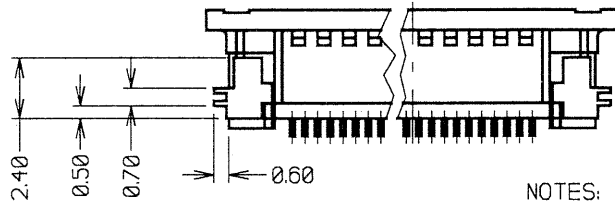
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION A-A



- NOTES:
1. ALL TOLERANCES TO BE ± 0.30 UNLESS OTHERWISE STATED.
 2. FOR REELING DETAILS SEE SHEET 4.

SPECIFICATIONS:

MATERIAL:

MOULDINGS = 40% GLASS-FILLED PPS (UL94V-0)
 CONTACTS = HIGH PERFORMANCE COPPER ALLOY
 RETAINER = PHOSPHOR BRONZE

FINISH:

CONTACTS = 0.05-0.1 μ GOLD OVER 1.27 μ NICKEL
 RETAINER = 2.0-6.0 μ 100% TIN OVER 1.27 μ NICKEL

ELECTRICAL:

CURRENT RATING = 0.4A AC/DC
 VOLTAGE RATING = 50V AC/DC
 CONTACT RESISTANCE = 40 MILLIOHMS MAX
 DIELECTRIC WITHSTANDING = 500V AC
 INSULATION RESISTANCE = 500 MEGOHMS MIN

MECHANICAL:

RETENTION OF FPC = 0.25N x No. OF WAYS MIN
 CONTACT RETENTION FORCE = 1.5N MIN
 HOLD DOWN RETENTION FORCE = 3N MIN
 DURABILITY = 30 CYCLES

ENVIRONMENTAL:

TEMPERATURE RANGE = -25°C TO +85°C

PACKING:

TAPE & REEL

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C030XX (LATEST ISSUE).

| | | | |
|------------------------------|------|----------|--------|
| JMB | 6 | 19.06.06 | 9273 |
| NAME | ISS. | DATE | C/NOTE |
| APPROVED: <i>[Signature]</i> | | | |
| CHECKED: <i>[Signature]</i> | | | |
| DRAWN: W. J. BOURNE | | | |
| CUSTOMER REF.: | | | |
| ASSEMBLY DRG: | | | |

ORDER CODE:
F05-400XX45R

No. OF WAYS:
 06, 08, 10, 12, 14, 16,
 18, 20, 24, 26 & 30

HARWIN

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 TEL: 603 893 5376
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 mis@harwin.com

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 TEL: 023 9231 4545
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 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. = ± 1.0 mm
 X.X = ± 0.25 mm
 X.XX = ± 0.10 mm
 X.XXX = ± 0.01 mm
 ANGLES = $\pm 5^\circ$
 UNLESS STATED

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

TITLE:
 0.5mm PITCH FPC CONNECTOR
 TOP CONTACT (TAPE & REEL)
DRAWING NUMBER:
F05-400XX45R

SHT
 3
 OF
 4

Customer Information Sheet

DRAWING No: F05-400XX45R

SHEET 4 OF 4

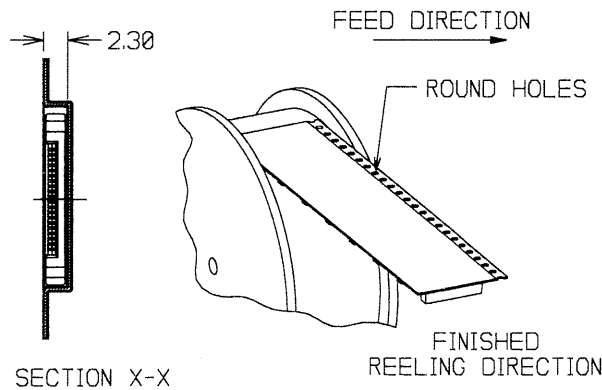
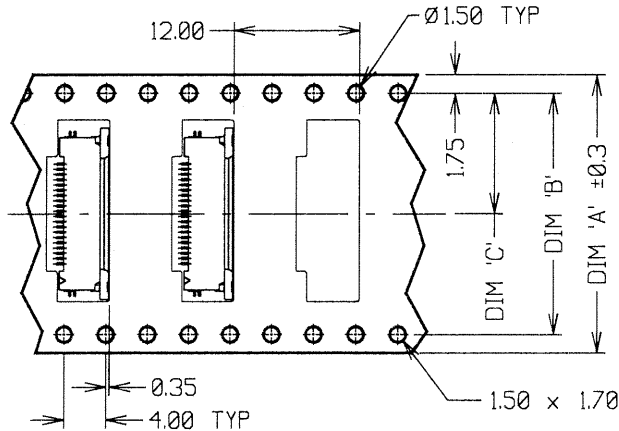
IF IN DOUBT - ASK

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NOT TO SCALE

THIRD ANGLE PROJECTION

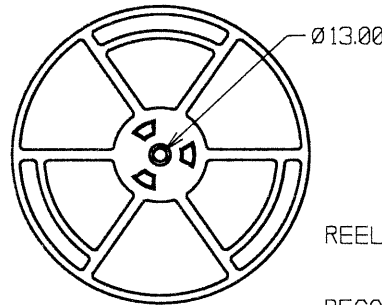
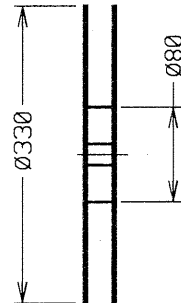
ALL DIMENSIONS IN mm



| PART No: | DIM 'A' | DIM 'B' | DIM 'C' |
|--------------|---------|---------|---------|
| F05-4000645R | 16.0 | | 7.5 |
| F05-4000845R | 16.0 | | 7.5 |
| F05-4001045R | 24.0 | | 11.5 |
| F05-4001245R | 24.0 | | 11.5 |
| F05-4001445R | 24.0 | | 11.5 |
| F05-4001645R | 24.0 | | 11.5 |
| F05-4001845R | 24.0 | | 11.5 |
| F05-4002045R | 24.0 | | 11.5 |
| F05-4002445R | 24.0 | | 11.5 |
| F05-4002645R | 32.0 | 28.4 | 14.2 |
| F05-4003045R | 32.0 | 28.4 | 14.2 |

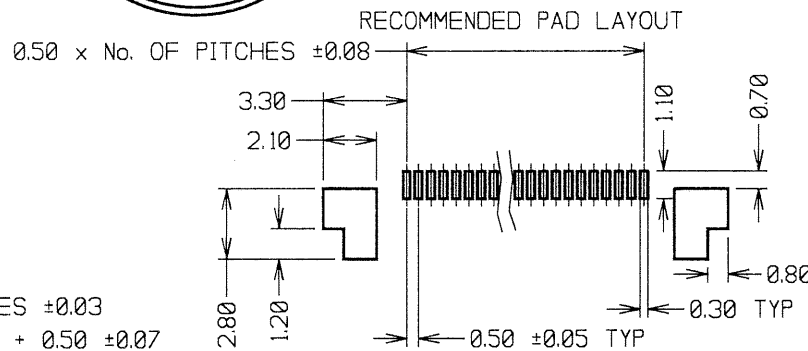
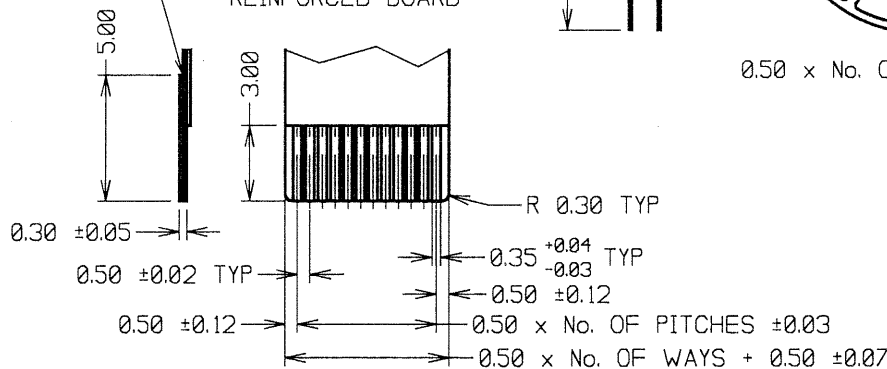
ORDER CODE:
F05-400XX45R

No. OF WAYS
06, 08, 10, 12, 14, 16,
18, 20, 24, 26 & 30



- NOTES:
1. FOR CONNECTOR DIMENSIONS SEE SHEET 3.
 2. QUANTITY OF COMPONENTS PER REEL = 2000.
 3. TAPE & REELING TO BE IN ACCORDANCE WITH ELECTRONIC INDUSTRIES ASSOCIATION EIA-481.

RECOMMENDED F.P.C. LAYOUT
REINFORCED BOARD



| | | | |
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TOLERANCES
X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:
SEE SHEET 3
FINISH: SEE SHEET 3
S/AREA: mm²

TITLE:
0.5mm PITCH FPC CONNECTOR
TOP CONTACT (TAPE & REEL)
DRAWING NUMBER:
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SHT
4
OF
4