

# Customer Information Sheet

DRAWING No.: M22-532XXXXR

SHEET 3 OF 4

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:  
MOULDING, PICK & PLACE CAP = NYLON 6T, UL94V-0, BLACK  
CONTACTS = PHOSPHOR BRONZE

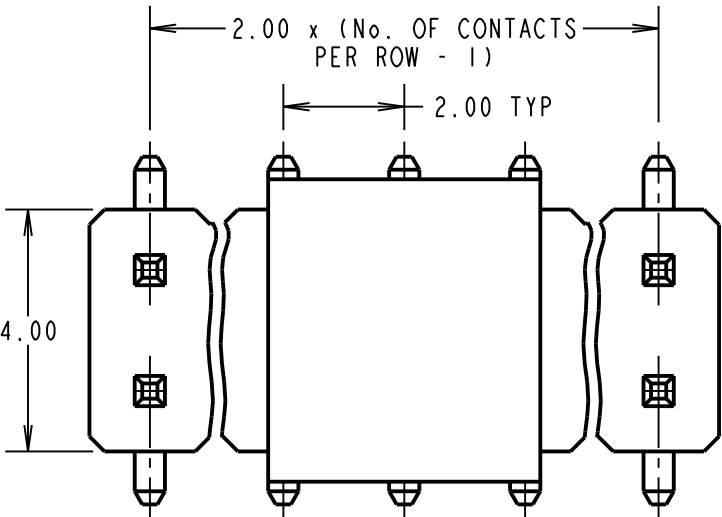
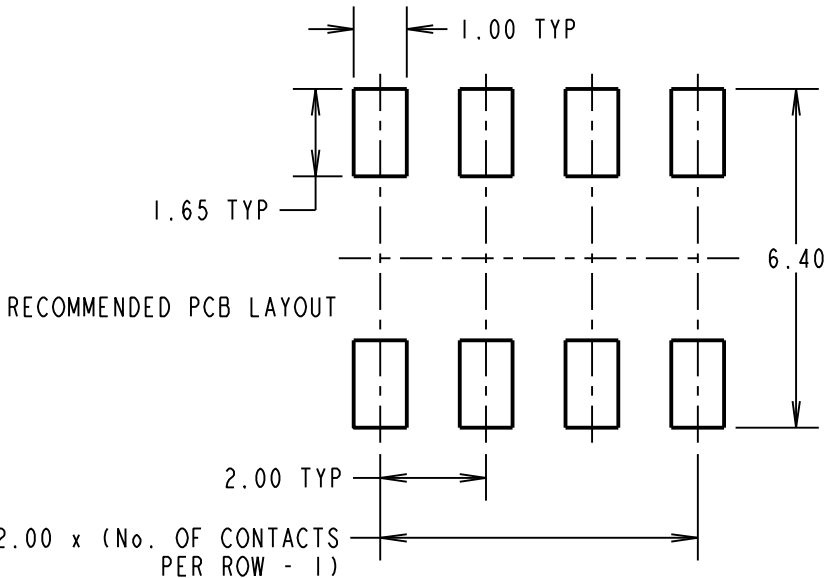
FINISH:  
05 = GOLD  
46 = 100% TIN, OVER NICKEL

ELECTRICAL:  
CURRENT RATING = 1A  
CONTACT RESISTANCE = 20mΩ MAX (GOLD), 30mΩ MAX (TIN)  
INSULATION RESISTANCE = 100MΩ MIN

MECHANICAL:  
DURABILITY = 300 OPERATIONS (GOLD), 50 OPERATIONS (TIN)  
DIELECTRIC STRENGTH = 650V AC/DC

ENVIRONMENTAL:  
TEMPERATURE RANGE = -40°C TO +105°C

FOR COMPLETE SPECIFICATION, SEE  
COMPONENT SPECIFICATION C018XX (LATEST ISSUE)

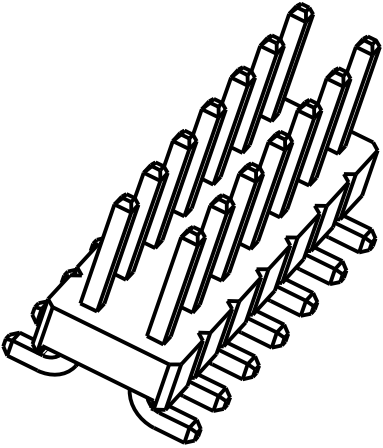


ORDER CODE:

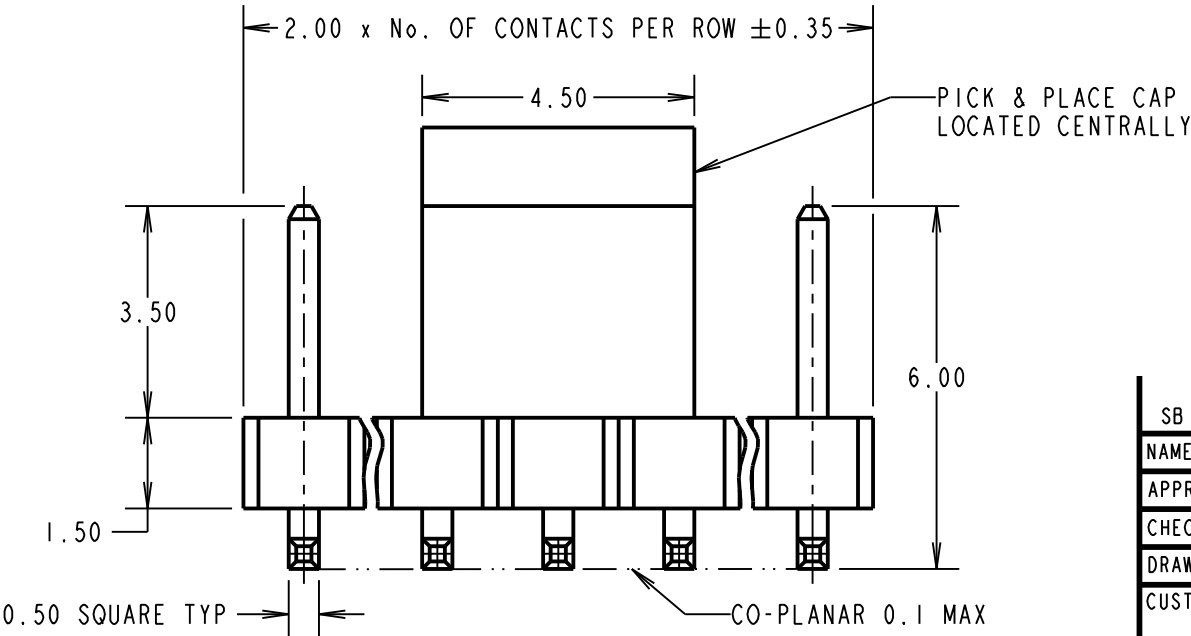
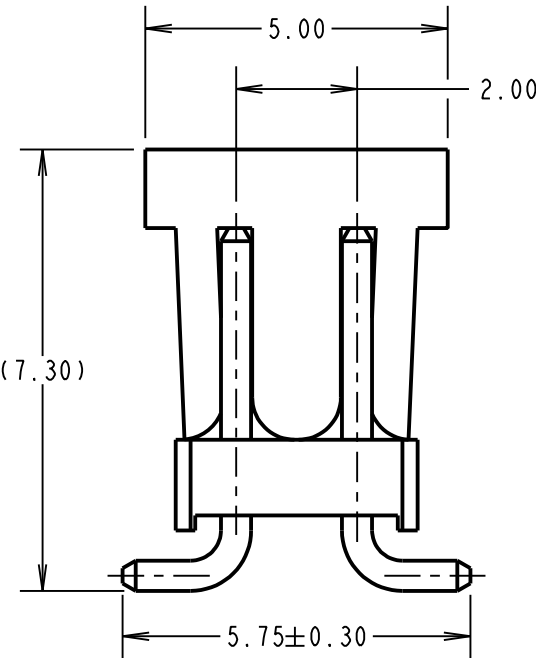
M22-532XXXXR

No. OF CONTACTS PER ROW:  
02, 03, 05, 07, 08, 09,  
10, 11

FINISH:  
05 - GOLD  
46 - 100% TIN



PICK AND PLACE CAP  
HIDDEN FOR ILLUSTRATION  
ONLY



- NOTES:
- ALL TOLERANCES ARE  $\pm 0.25$  UNLESS OTHERWISE STATED.
  - SEE DRAWING M22-532XXXXP FOR PICK AND PLACE VERSION, M22-532XXXX FOR STANDARD PRODUCT.
  - FOR TAPE & REEL DETAILS, SEE SHEET 4.
  - CO-PLANARITY: FLATNESS OF SMT TAILS MUST NOT EXCEED 0.1mm.

HARWIN

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TOLERANCES

~~X =  $\pm 1$ mm~~  
~~X.X =  $\pm 0.50$ mm~~  
~~X.XX =  $\pm 0.10$ mm~~  
~~X.XXX =  $\pm 0.01$ mm~~

ANGLES =  $\pm 5^\circ$

UNLESS STATED

MATERIAL:  
SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm<sup>2</sup>

TITLE: 2.00mm PITCH DIL  
SMT PIN HEADER ASSEMBLY  
(WITH P/PLACE CAP, T/REEL)

DRAWING NUMBER:  
M22-532XXXXR

SHT 3 OF 4

|                |      |           |        |
|----------------|------|-----------|--------|
| SB             | 12   | 27.04.15  | 12763  |
| NAME           | ISS. | DATE      | C/NOTE |
| APPROVED:      |      | S.BENNETT |        |
| CHECKED:       |      | M.PLESTED |        |
| DRAWN:         |      | J.KEIR    |        |
| CUSTOMER REF.: |      |           |        |
| ASSEMBLY DRG:  |      |           |        |

# Customer Information Sheet

DRAWING No.: M22-532XXXXR

SHEET 4 OF 4

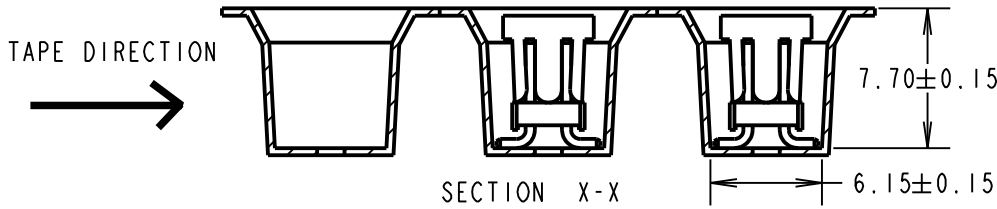
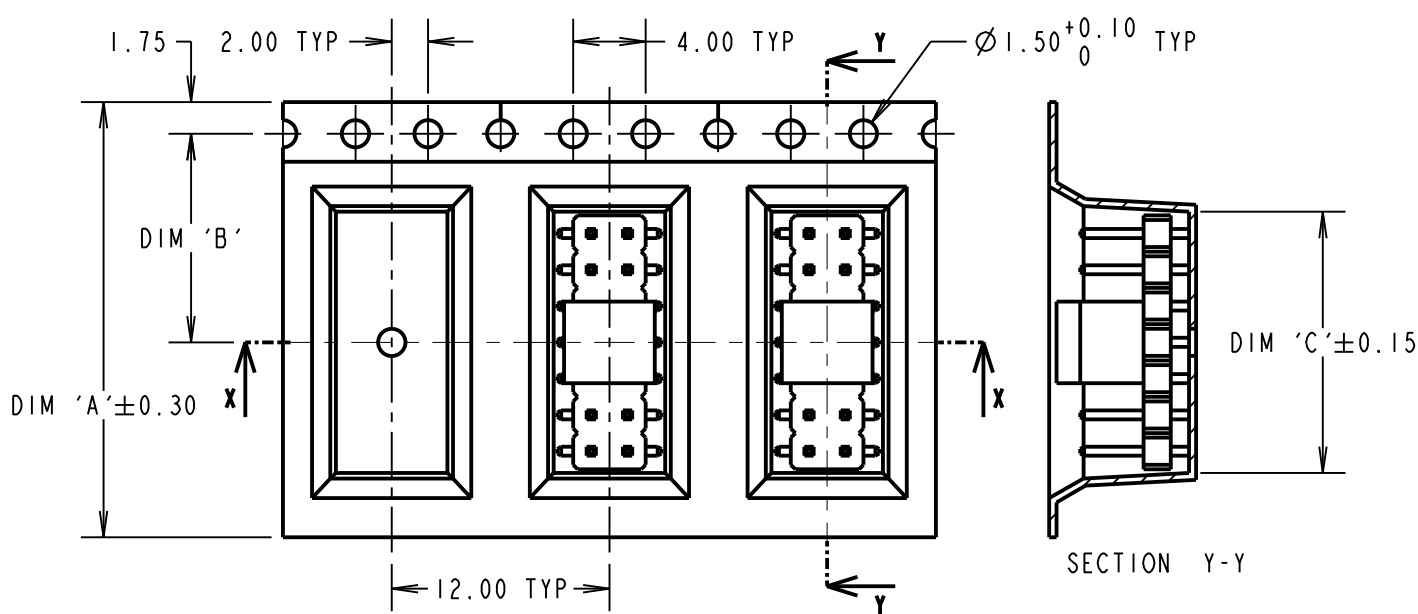
IF IN DOUBT - ASK

©

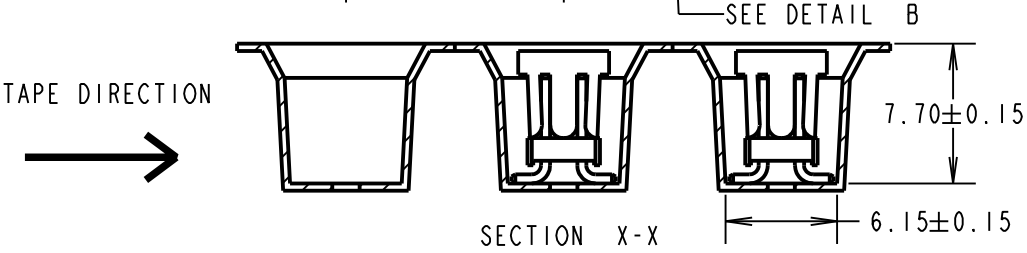
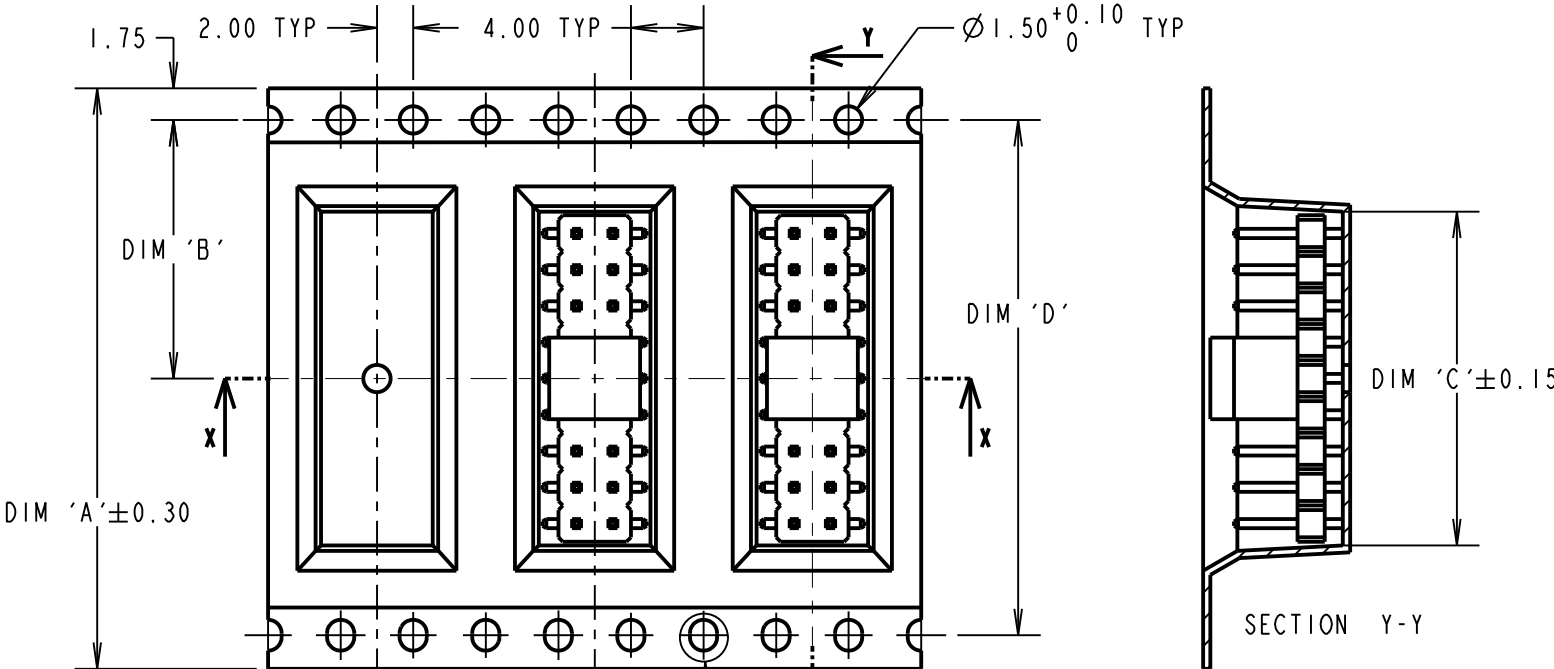
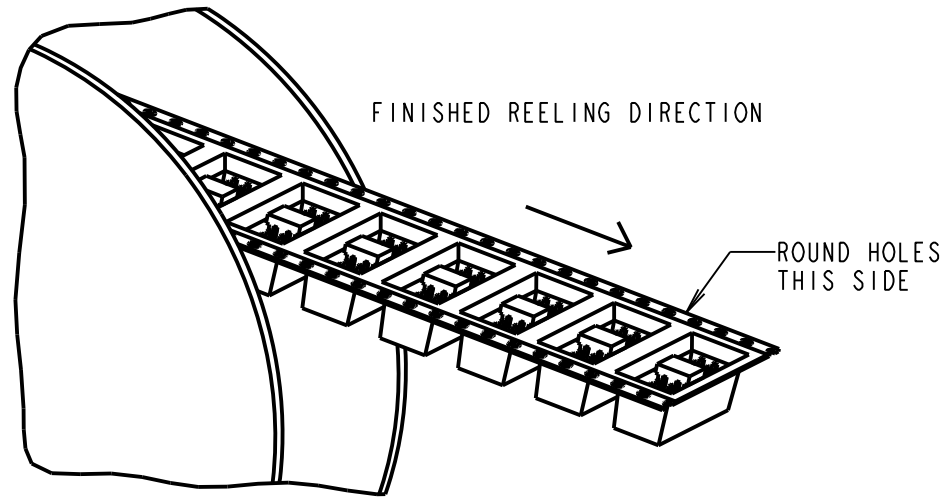
NOT TO SCALE

THIRD ANGLE PROJECTION

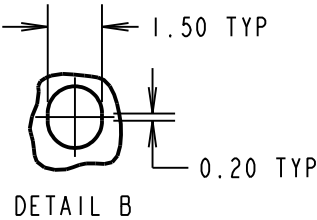
ALL DIMENSIONS IN mm



TAPE DETAILS FOR 2, 3 & 5 WAY



TAPE DETAILS FOR 7 TO 11 WAY



- NOTES:
1. QUANTITY PER REEL= 700 PIECES.
  2. FOR CONNECTOR DETAILS, SEE SHEET 3.
  3. SEE DRAWING M22-532XXXXP FOR PICK & PLACE VERSION & M22-532XXXX FOR STANDARD PRODUCT.

| PART No.     | DIM 'A' | DIM 'B' | DIM 'C' | DIM 'D' |
|--------------|---------|---------|---------|---------|
| M22-53202XXR | 16.00   | 7.50    | 4.20    | N/A     |
| M22-53203XXR | 16.00   | 7.50    | 6.20    | N/A     |
| M22-53205XXR | 24.00   | 11.50   | 10.20   | N/A     |
| M22-53207XXR | 32.00   | 14.20   | 14.40   | 28.40   |
| M22-53208XXR | 32.00   | 14.20   | 16.40   | 28.40   |
| M22-53209XXR | 32.00   | 14.20   | 18.40   | 28.40   |
| M22-53210XXR | 44.00   | 20.20   | 20.40   | 40.40   |
| M22-53211XXR | 44.00   | 20.20   | 22.40   | 40.40   |

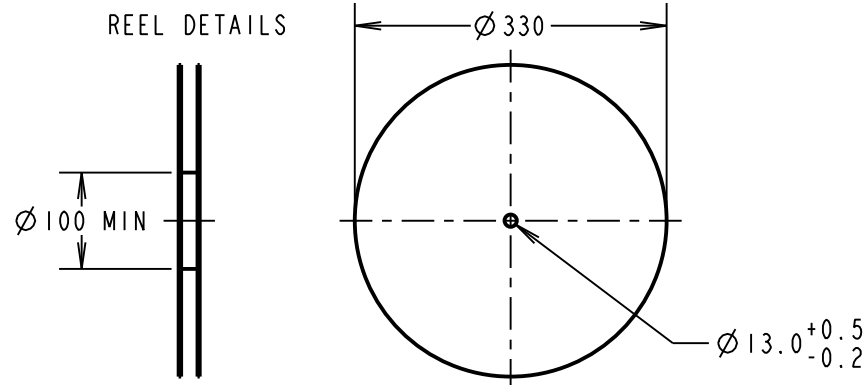
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**M22-532XXXXR**

No. OF CONTACTS PER ROW:  
02, 03, 05, 07, 08, 09,  
10, 11

FINISH:  
05 - GOLD  
46 - 100% TIN

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TOLERANCES  
X. = ±1mm  
X.X = ±0.50mm  
X.XX = ±0.10mm  
X.XXX = ±0.01mm  
ANGLES = 2±5°  
UNLESS STATED

MATERIAL:  
SEE ABOVE  
FINISH: SEE ABOVE  
S/AREA: mm<sup>2</sup>

TITLE: 2.00mm PITCH DIL  
SMT PIN HEADER ASSEMBLY  
(WITH P/PLACE CAP, T/REEL)  
DRAWING NUMBER:  
**M22-532XXXXR**  
SHT 4 OF 4