

# Customer Information Sheet

DRAWING No.: M50-365XX42R

SHEET 3 OF 4

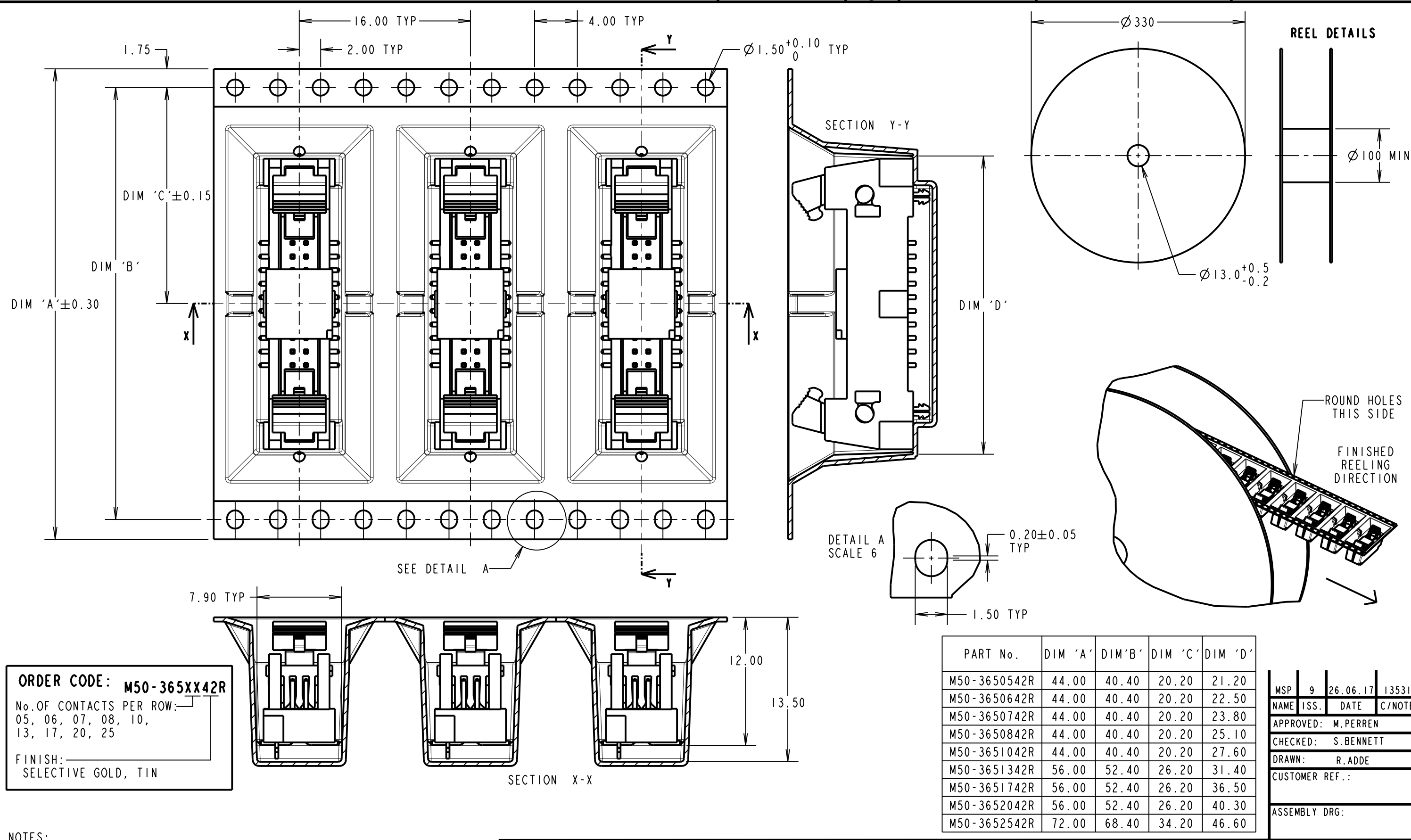
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



NOTES:

- FOR CONNECTOR DETAILS AND SPECIFICATIONS, SEE SHEET 4.
- PRODUCT IS TAPE AND REELED IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
- QUANTITY PER REEL = 250.
- ALL COMPONENTS ARE RoHS AND REACH COMPLIANT.

**HARWIN**

www.harwin.com

technical@harwin.com

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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 4

FINISH: SEE ABOVE

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

TITLE: 1.27mm DIL SMT EJECTOR HEADER WITH CAP & PEGS TAPE & REELED

DRAWING NUMBER: **M50-365XX42R**

SHT 3 OF 4

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DRAWING No.: M50-365XX42R

SHEET 4 OF 4

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THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATIONS:**

**MATERIALS:**

MOULD = LCP, 30% G/F, UL94V-0  
CONTACT = BRASS  
FORK = PHOSPHOR BRONZE

**FINISH:**

42 = 0.015-0.02µ GOLD ON CONTACTS,  
2.54µ 100% TIN ON TAILS OVER,  
0.76-2.03µ NICKEL.  
2.03-5.08µ 100% TIN ON FORKS OVER,  
0.76-2.03µ NICKEL.

**MECHANICAL:**

DURABILITY = 300 CYCLES MIN

**ELECTRICAL:**

RATED CURRENT = 1.75A  
CONTACT RESISTANCE = 20mΩ MAX  
WITHSTAND VOLTAGE = 1000V ACrms/DC FOR 1 MIN  
INSULATION RESISTANCE = 5000MΩ MIN

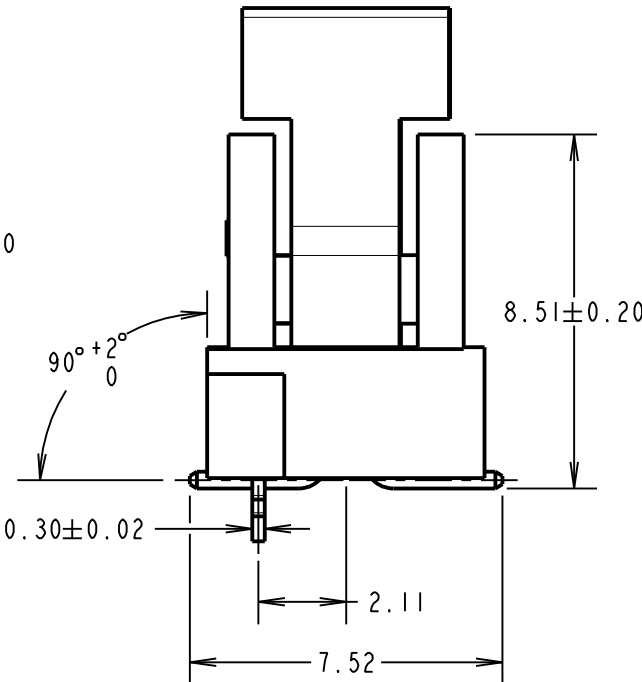
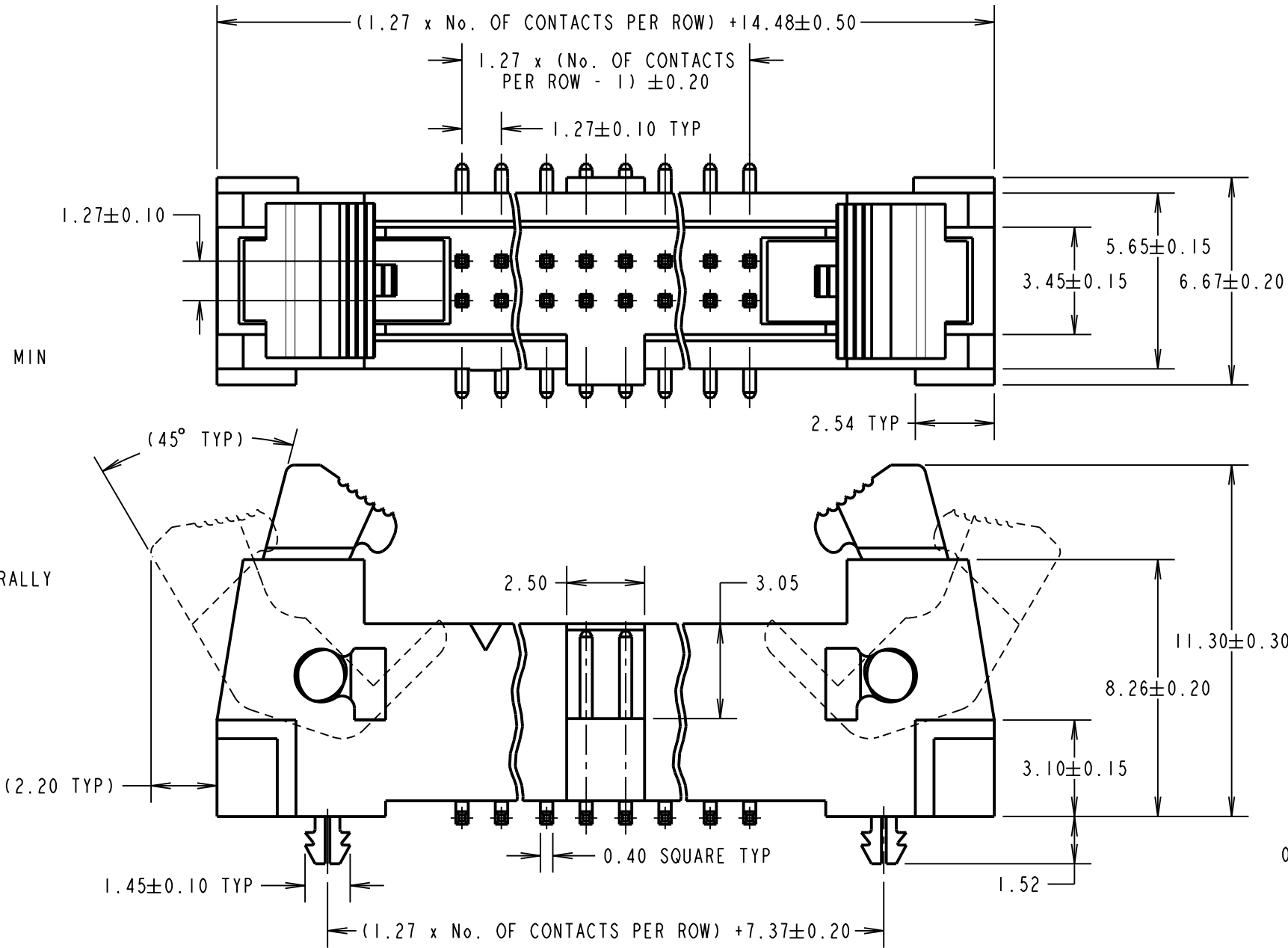
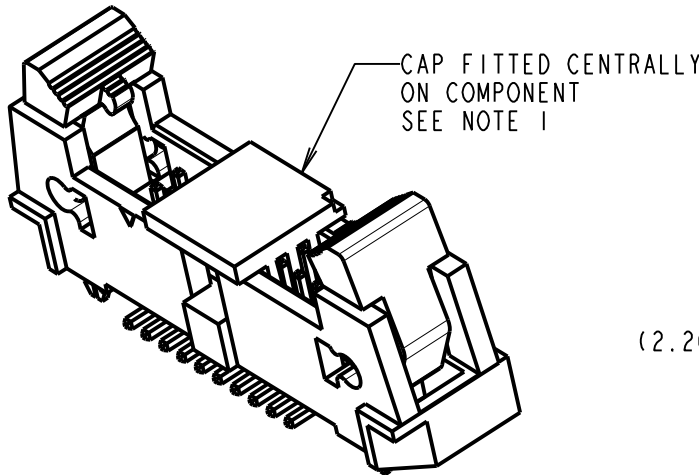
**ENVIRONMENTAL:**

OPERATING TEMPERATURE = -55°C TO +125°C  
FOR COMPLETE SPECIFICATION, SEE COMPONENT  
SPECIFICATION C029XX (LATEST ISSUE)

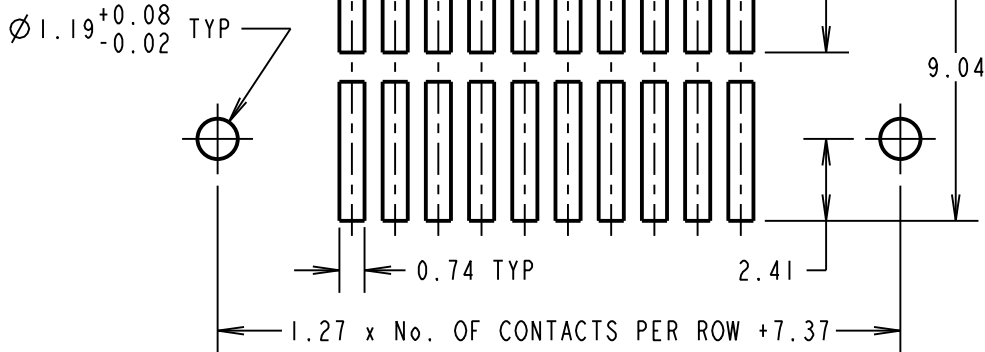
**ORDER CODE: M50-365XX42R**

No. OF CONTACTS PER ROW:  
05, 06, 07, 08, 10,  
13, 17, 20, 25

FINISH:  
SELECTIVE GOLD, TIN



**RECOMMENDED PCB LAYOUT**  
(TOLERANCE ±0.05)



**NOTES:**

1. CAP REMOVED FROM MAIN VIEWS FOR CLARITY, PART COMES WITH CENTRALLY FITTED CAP.
2. ALL TOLERANCES ARE ±0.25 UNLESS OTHERWISE STATED.
3. ALL COMPONENTS ARE RoHS AND REACH COMPLIANT.

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

**MATERIAL:**

SEE ABOVE

**FINISH:**

SEE ABOVE

**S/AREA:**

mm<sup>2</sup>

**TITLE:** 1.27mm DIL SMT EJECTOR  
HEADER WITH CAP & PEGS  
TAPE & REELED

**DRAWING NUMBER:**

**M50-365XX42R**

|                    |      |          |        |
|--------------------|------|----------|--------|
| MSP                | 9    | 26.06.17 | 13531  |
| NAME               | ISS. | DATE     | C/NOTE |
| APPROVED: M.PERREN |      |          |        |
| CHECKED: S.BENNETT |      |          |        |
| DRAWN: R.ADDE      |      |          |        |
| CUSTOMER REF.:     |      |          |        |
| ASSEMBLY DRG:      |      |          |        |

SHT  
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