

Customer Information Sheet

DRAWING No.: M50-365XX42R

SHEET 3 OF 4

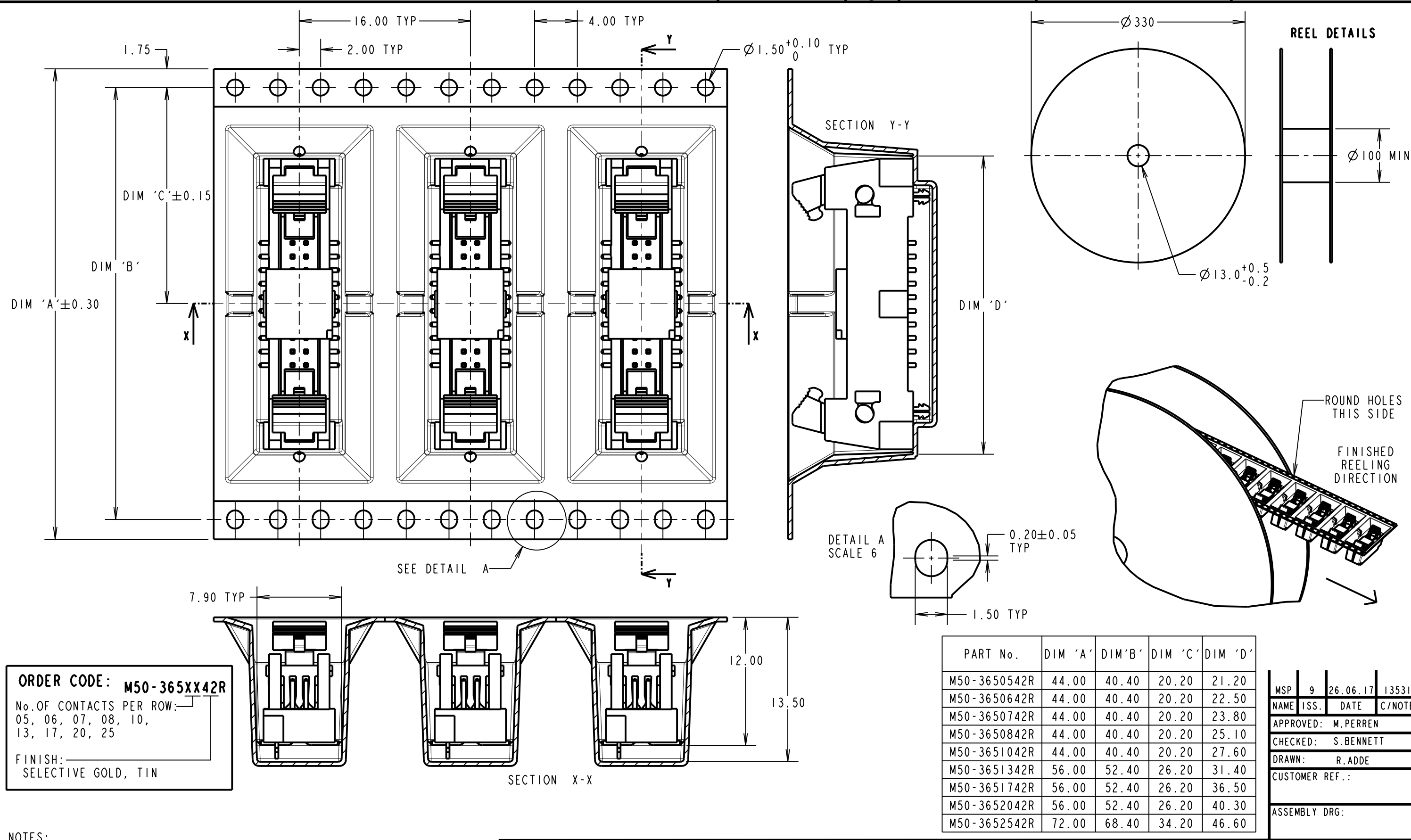
IF IN DOUBT - ASK

©

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

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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: mm²

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

DRAWING NUMBER: **M50-365XX42R**

SHT 3 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)

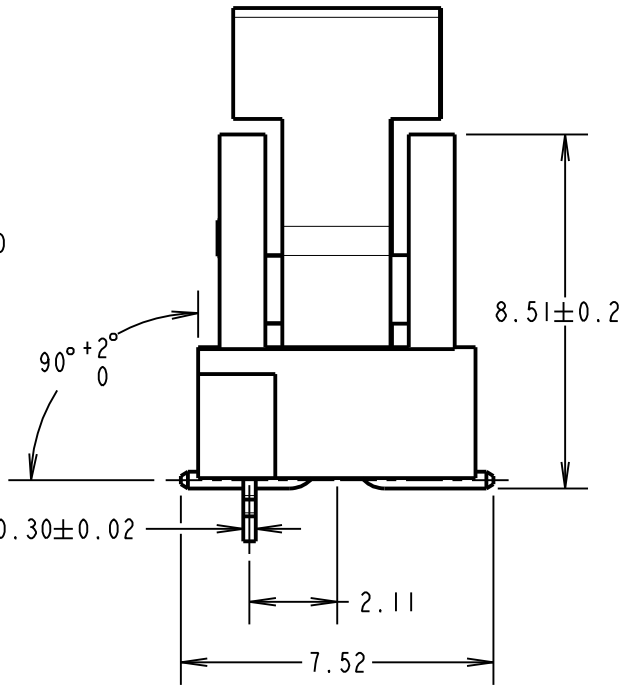
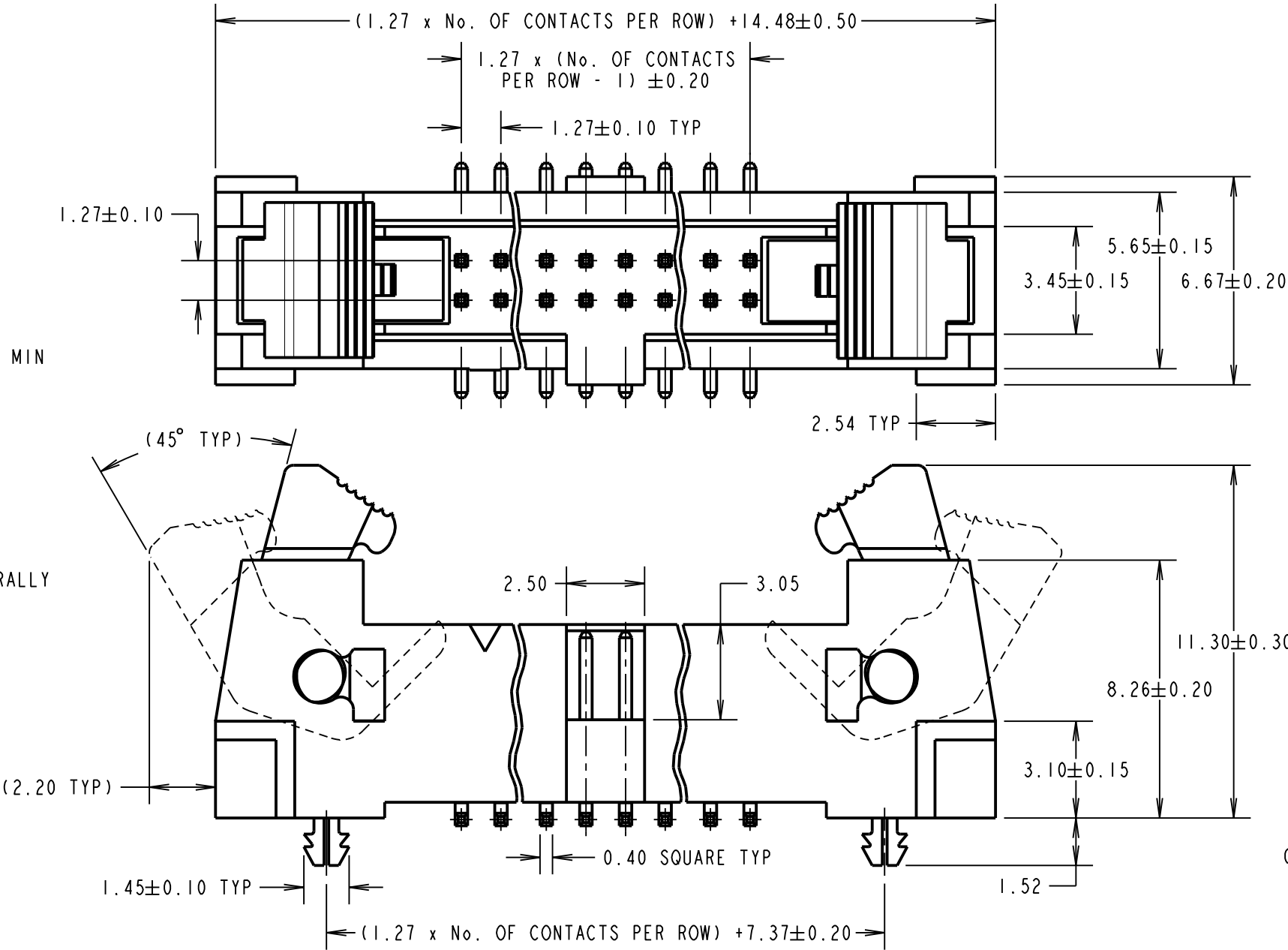
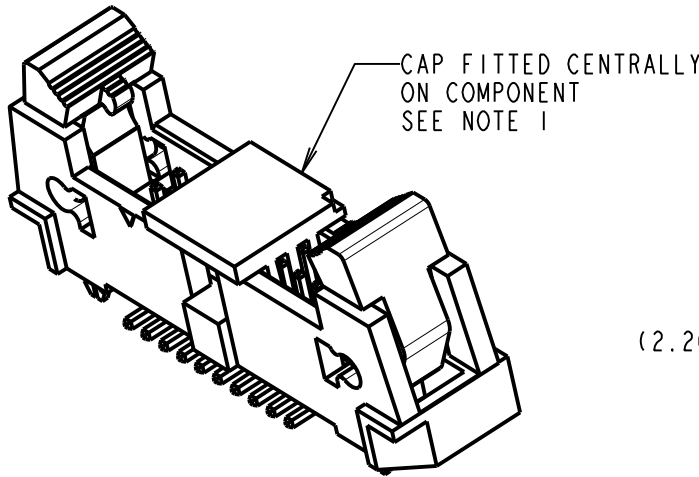
ORDER CODE: M50-365XX42R

No. OF CONTACTS PER ROW:

05, 06, 07, 08, 10,
13, 17, 20, 25

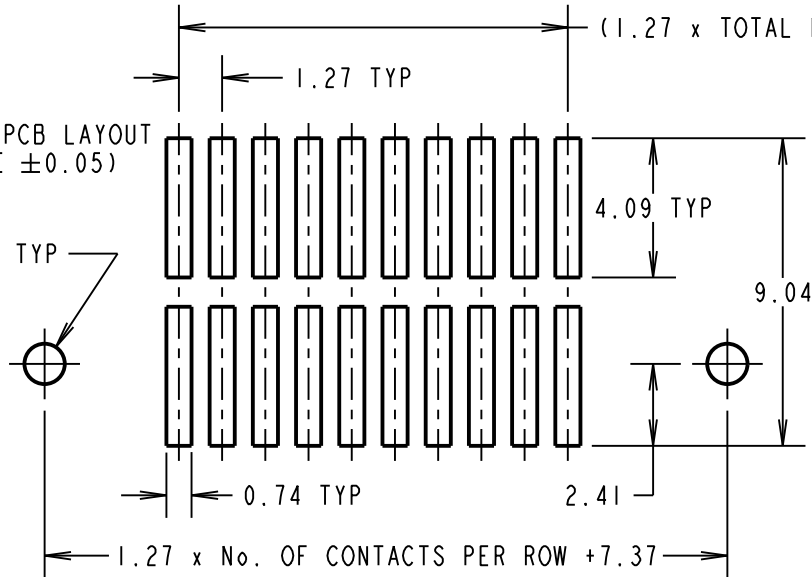
FINISH:

SELECTIVE GOLD, TIN



RECOMMENDED PCB LAYOUT
(TOLERANCE ±0.05)

Ø 1.19^{+0.08}_{-0.02} TYP



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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ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

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

4

OF