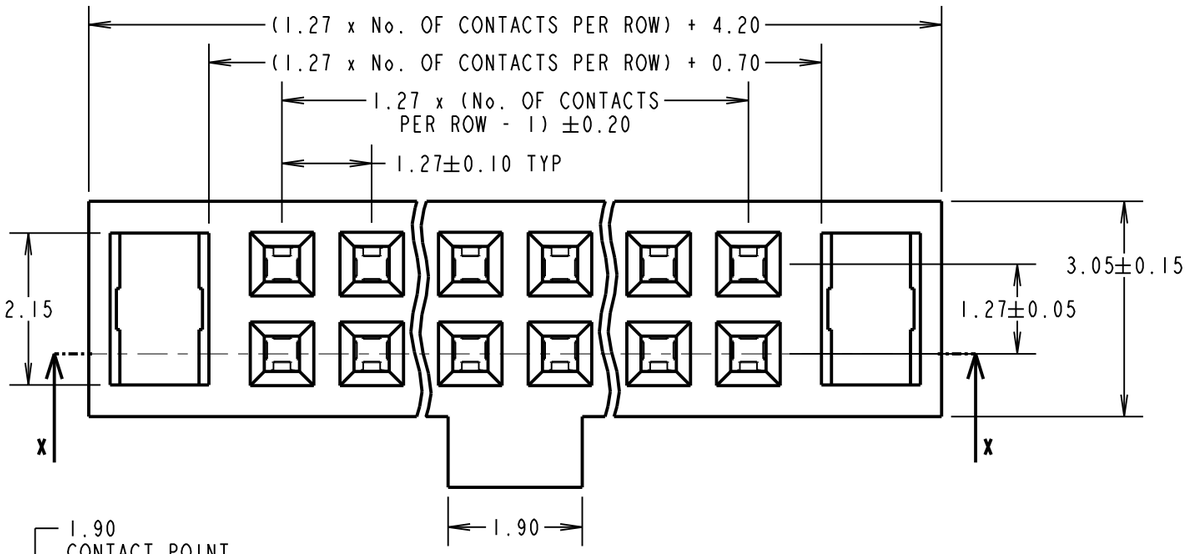
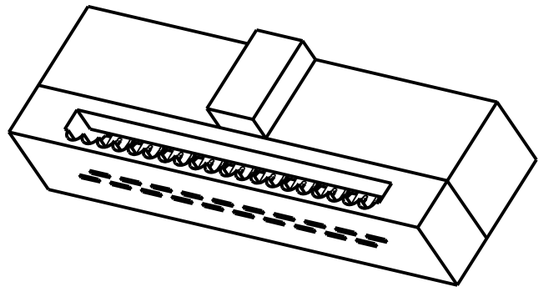
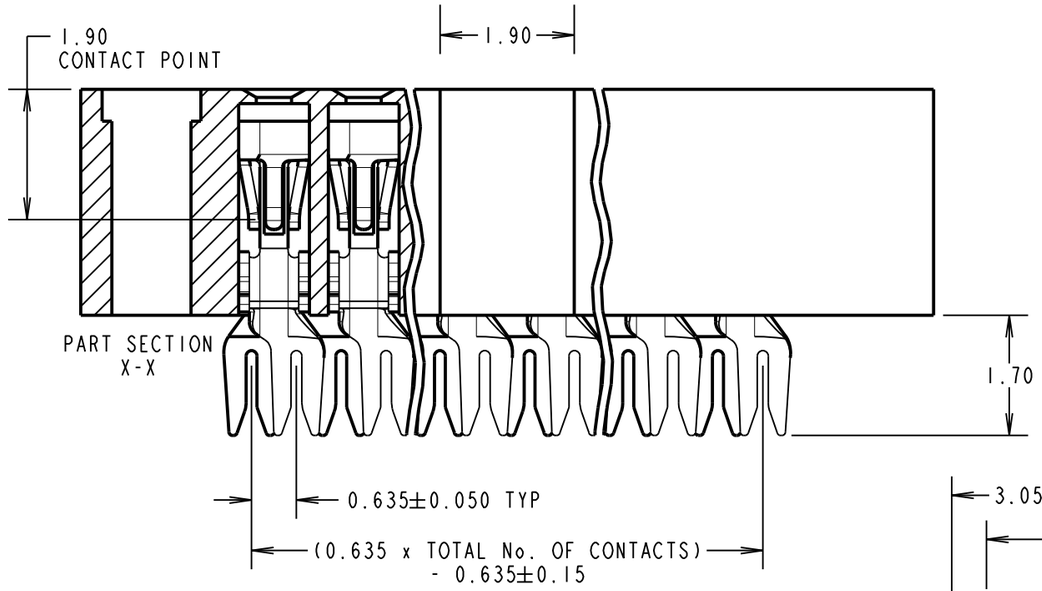
Customer Information Sheet

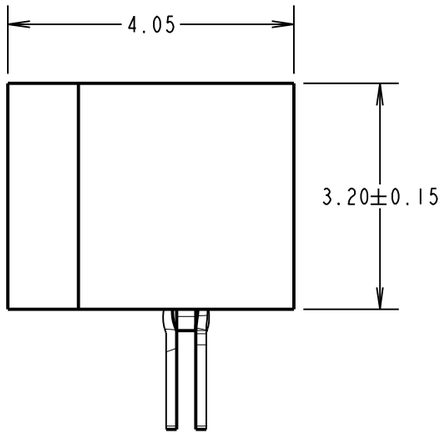
DRAWING No.: M50-330XX42	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

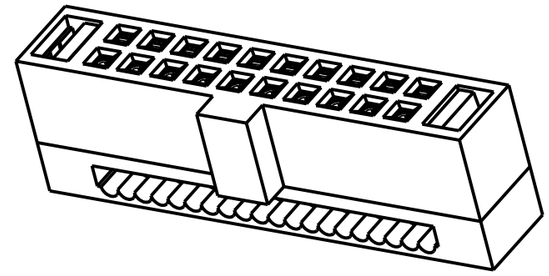


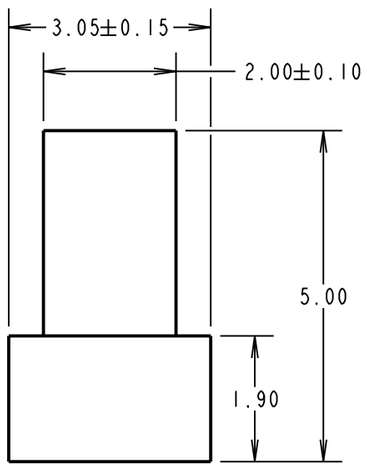


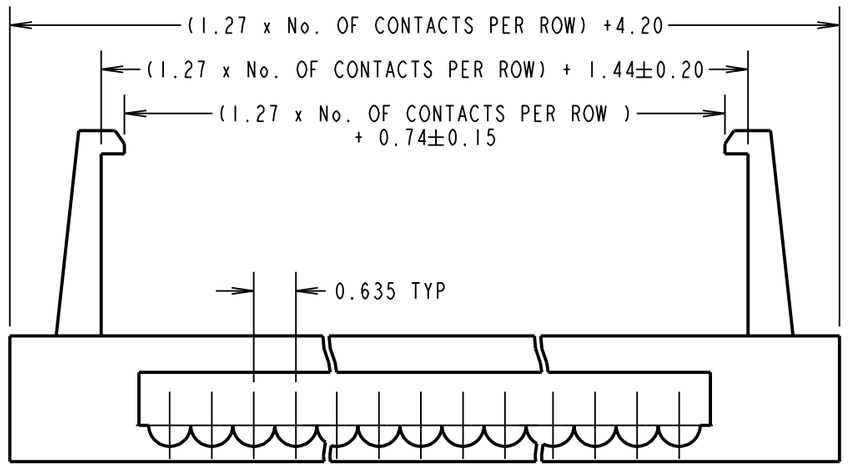
SPECIFICATIONS:
MATERIALS:
MOULD & CAP= PBT, 30% G/F, UL94V-0
CONTACT = PHOSPHOR BRONZE
FINISH:
42 = 0.015-0.02µm GOLD ON CONTACTS,
2.54µm 100% TIN ON TAILS,
OVER 0.76-2.03µm NICKEL
ELECTRICAL:
RATED CURRENT = 1A
CONTACT RESISTANCE = 20mΩ MAX
WITHSTAND VOLTAGE = 500V ACrms FOR 1 MIN
INSULATION RESISTANCE = 1000MΩ MIN
MECHANICAL:
DURABILITY = 100 CYCLES MIN
INSERTION FORCE = 1.0N MAX PER CONTACT
WITHDRAWAL FORCE = 0.14N MIN PER CONTACT
ENVIRONMENTAL:
OPERATING TEMPERATURE = -40°C TO +105°C
PACKING:
TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION CO29XX (LATEST ISSUE)











NOTES:
1. ALL TOLERANCES ARE ±0.25 UNLESS OTHERWISE STATED.
2. CONNECTOR IS RoHS AND REACH COMPLIANT.
3. CONNECTOR IS TO BE USED WITH 30AWG WIRE.

ORDER CODE: M50-330XX42

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

FINISH:
SELECTIVE GOLD, TIN

MGP	9	01.07.21	30628
NAME	ISS.	DATE	CN/CO

APPROVED: MGP
CHECKED: RA
DRAWN: R.ADDE
CUSTOMER REF.:
ASSEMBLY DRG:

HARWIN
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technical@harwin.com

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TOLERANCES
X = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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

TITLE: 1.27mm DIL IDC RIBBON CABLE CONNECTOR
DRAWING NUMBER: M50-330XX42
SHT 2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

M50-3301742 M50-3302042 M50-3301342 M50-3302542 M50-3300542 M50-3301042 M50-3300742 M50-3300642 M50-3300842