

Customer Information Sheet

DRAWING No.: M50-330XX42

SHEET 2 OF 2

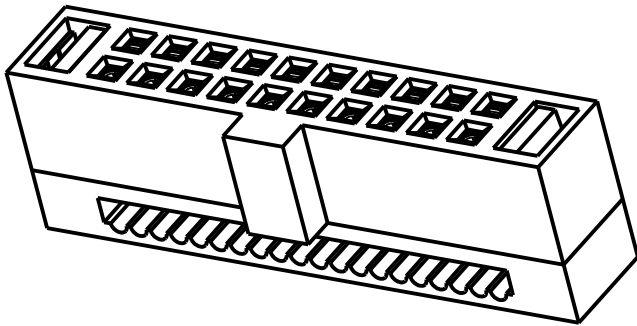
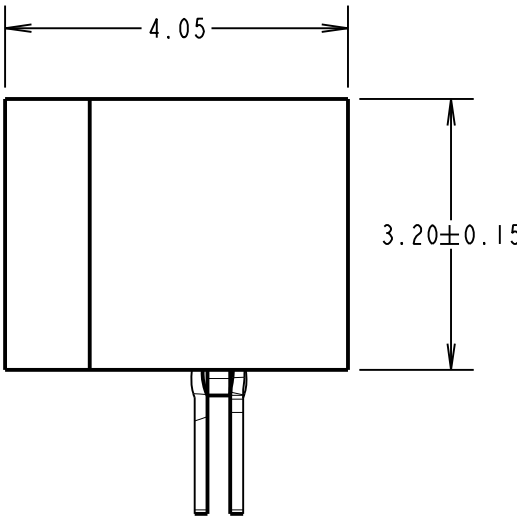
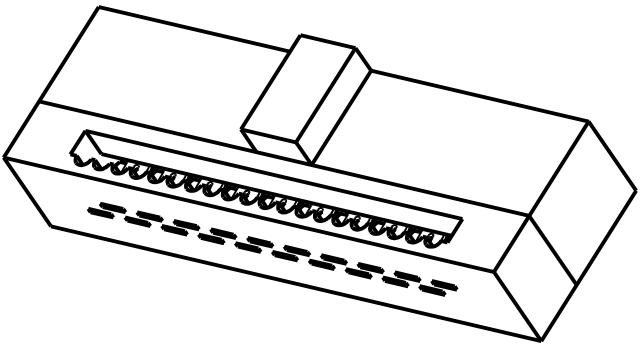
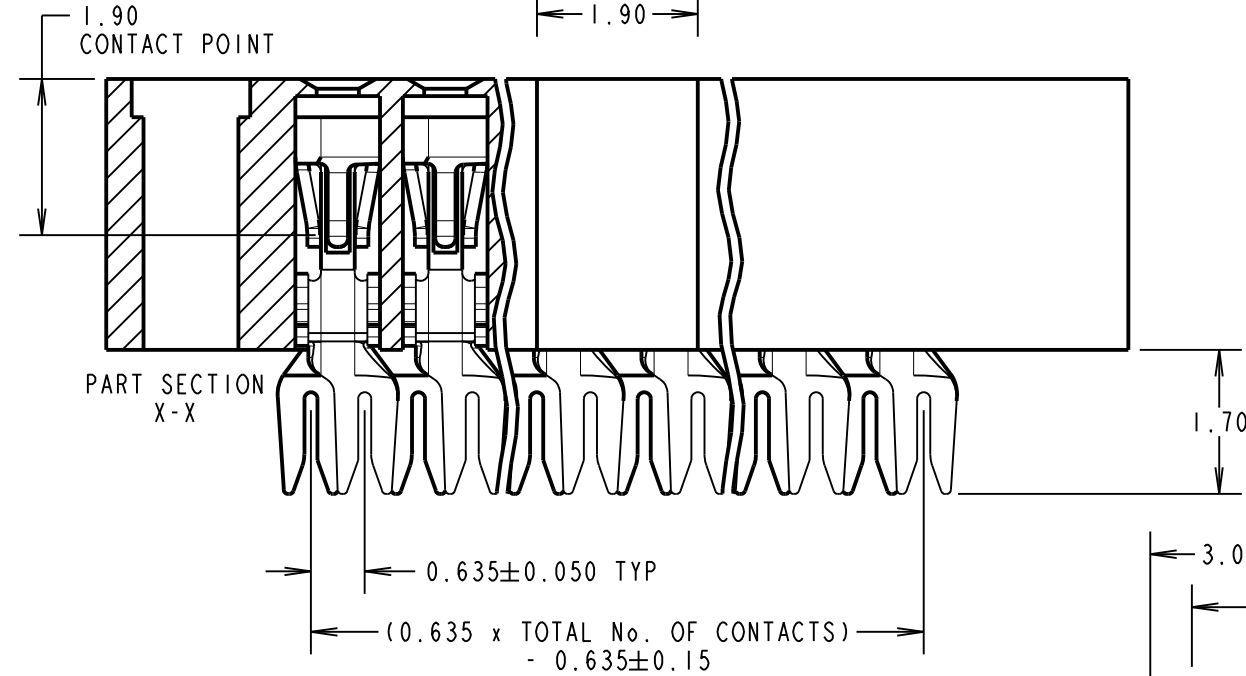
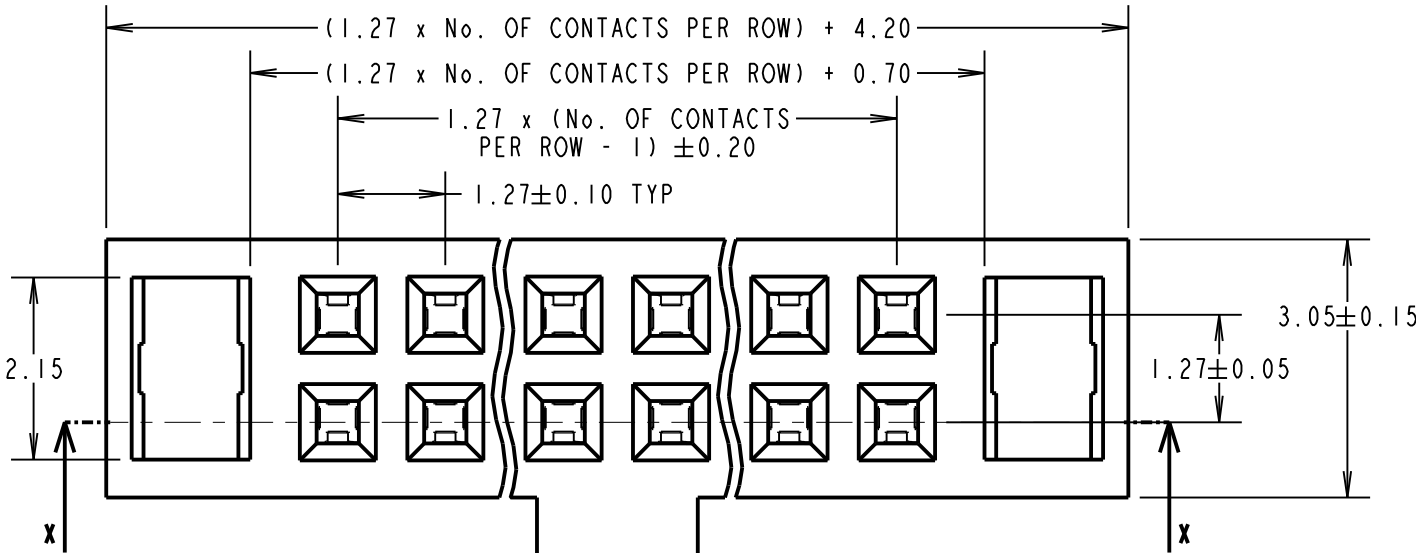
IF IN DOUBT - ASK

©

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 = $0.015-0.02\mu$ GOLD ON CONTACTS,
 2.54μ 100% TIN ON TAILS,
OVER $0.76-2.03\mu$ NICKEL
ELECTRICAL:
RATED CURRENT = 1A
CONTACT RESISTANCE = $20m\Omega$ MAX
WITHSTAND VOLTAGE = 1000V ACrms FOR 1 MIN
INSULATION RESISTANCE = $1000M\Omega$ 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 $+105^{\circ}\text{C}$
PACKING:
TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (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

HARWIN

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TOLERANCES
X = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^{\circ}$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

1.27mm DIL IDC
RIBBON CABLE CONNECTOR

DRAWING NUMBER:

M50-330XX42

MSP	8	10.08.16	13112
NAME	ISS.	DATE	C/NOT
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		R.ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

SHT
2
OF 2