

Customer Information Sheet

DRAWING No.: M50-380XX42 SHEET 2 OF 2

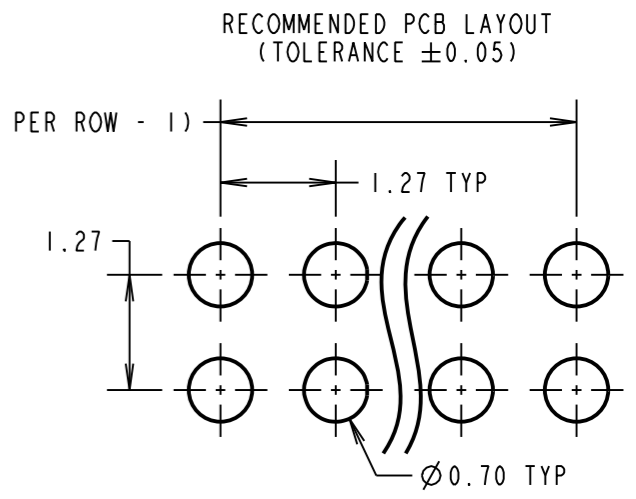
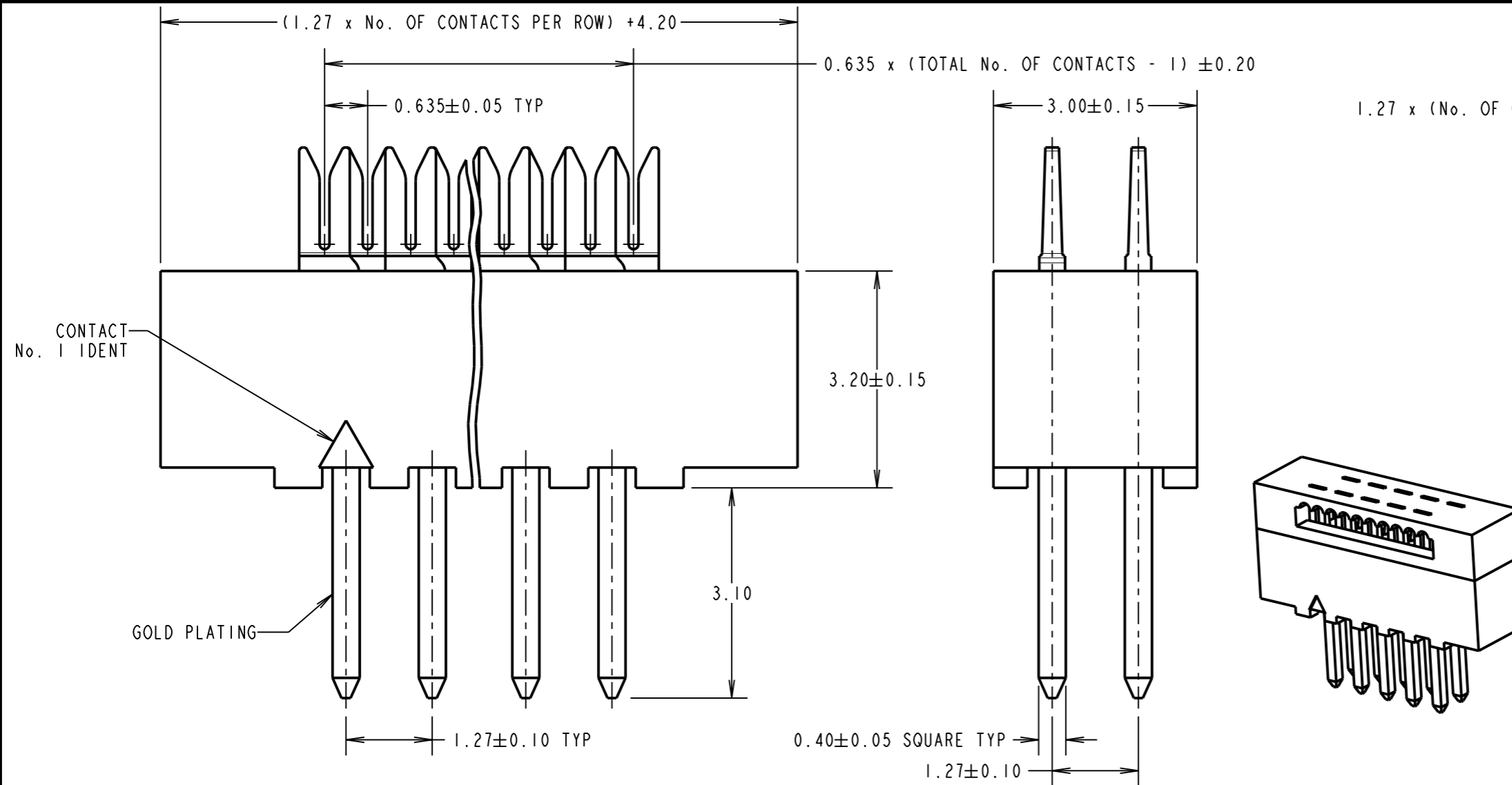
IF IN DOUBT - ASK

©

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 PIN CONTACT AREA,
 $0.76-2.03\mu$ NICKEL ALL OVER
ELECTRICAL:
 RATED CURRENT = 0.5A
 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:
 TRAY
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE).

ORDER CODE: M50-380XX42
 No. OF CONTACTS PER ROW:
 05, 06, 07, 08, 10,
 13, 17, 20, 25
 FINISH:
 SELECTIVE GOLD OVER NICKEL

- NOTES:**
1. TERMINATED HEIGHT WHEN MATED = 5.10mm
 2. ALL TOLERANCES ARE ± 0.25 UNLESS OTHERWISE STATED.
 3. CONNECTOR IS RoHS AND REACH COMPLIANT.
 4. CONNECTOR IS TO BE USED WITH 30AWG WIRE.

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

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

TITLE:
 1.27mm DIL PC TAIL
 IDC RIBBON CABLE CONNECTOR
DRAWING NUMBER:
M50-380XX42
 SHT 2 OF 2

MSP	8	10.08.16	13112
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		R.ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			