

Customer Information Sheet

DRAWING No.: M80-5T1XXXXMF-00-000-00-000

SHT 1 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:**MATERIAL:**

MOULDING = GLASS-FILLED PPS,

UL94V-0, BLACK

CONTACT = PHOSPHOR BRONZE

JACKSCREW, NUT = STAINLESS STEEL

FINISH (CONTACTS):05 = 0.75 μ GOLD ALL OVER22 = 0.75 μ GOLD ON CONTACT AREA,3 μ TIN/LEAD ON TAILS42 = 0.75 μ GOLD ON CONTACT AREA,3 μ 100% TIN ON TAILS**ELECTRICAL:**

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE = 25 m Ω MAXINSULATION RESISTANCE = 100 M Ω MIN**MECHANICAL:**

DURABILITY = 500 OPERATIONS

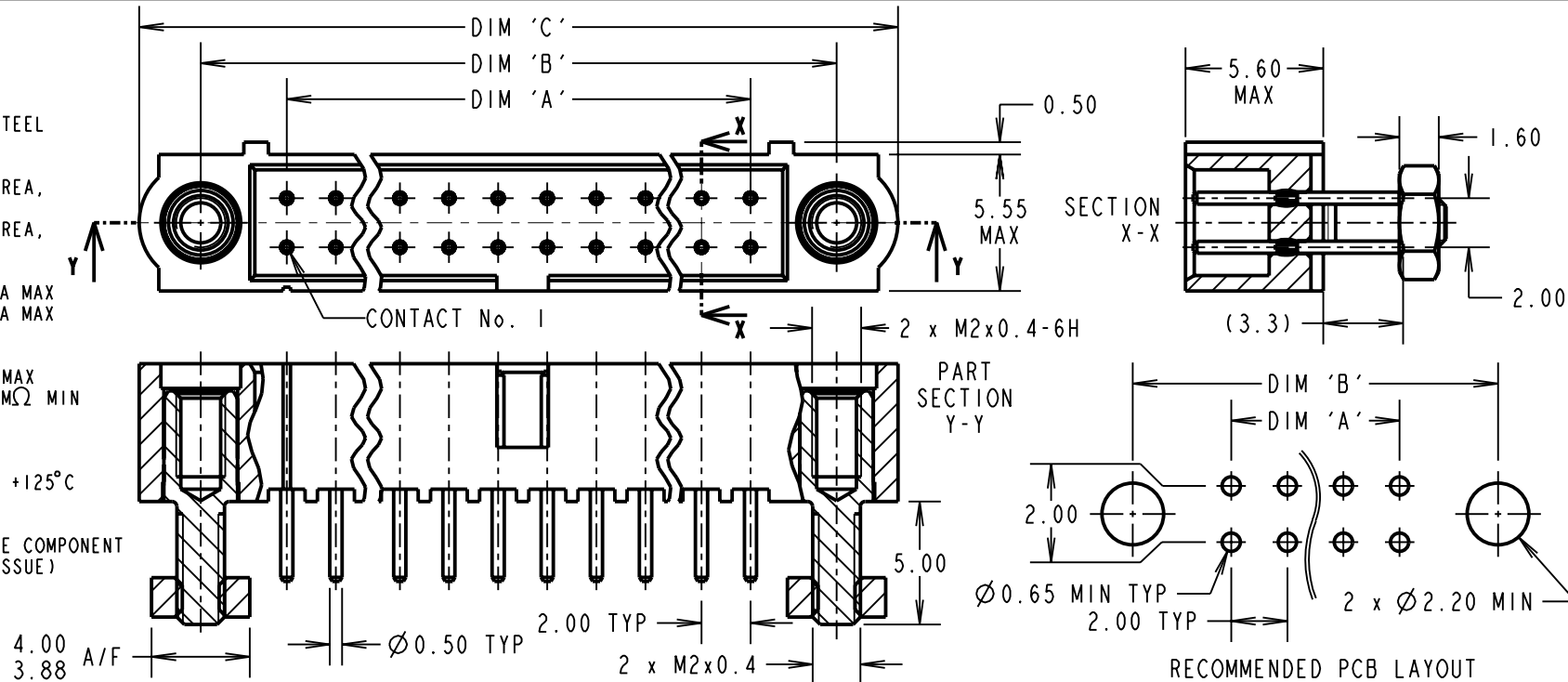
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10

EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD ON CONTACT AREA AND 100% TIN ON TAIL, M80-5T12042MF-00-000-00-000

DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm

ORDER CODE:**M80-5T1XXXXMF-00-000-00-000**

TOTAL No. OF CONTACTS

04 TO 50

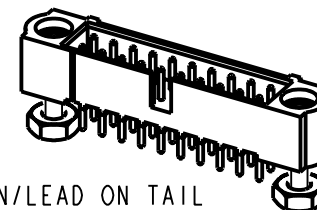
(EVEN NUMBERS ONLY)

FINISH

05 - ALL OVER GOLD

22 - GOLD ON CONTACT AREA / TIN/LEAD ON TAIL

42 - GOLD ON CONTACT AREA / 100% TIN ON TAIL



SM	I	16.06.10	----
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: S. MCCULLAGH			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCESX. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mmANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²TITLE: DATAMATE J-TEK DIL VERT
3mm PC-TAIL MALE ASSEMBLY
WITH 5mm BOARD MOUNT

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2 OF 2