

Customer Information Sheet

DRAWING No.: M80-5L1XXXXM5-00-000-00-000

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 = 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 OVER NICKEL 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:**

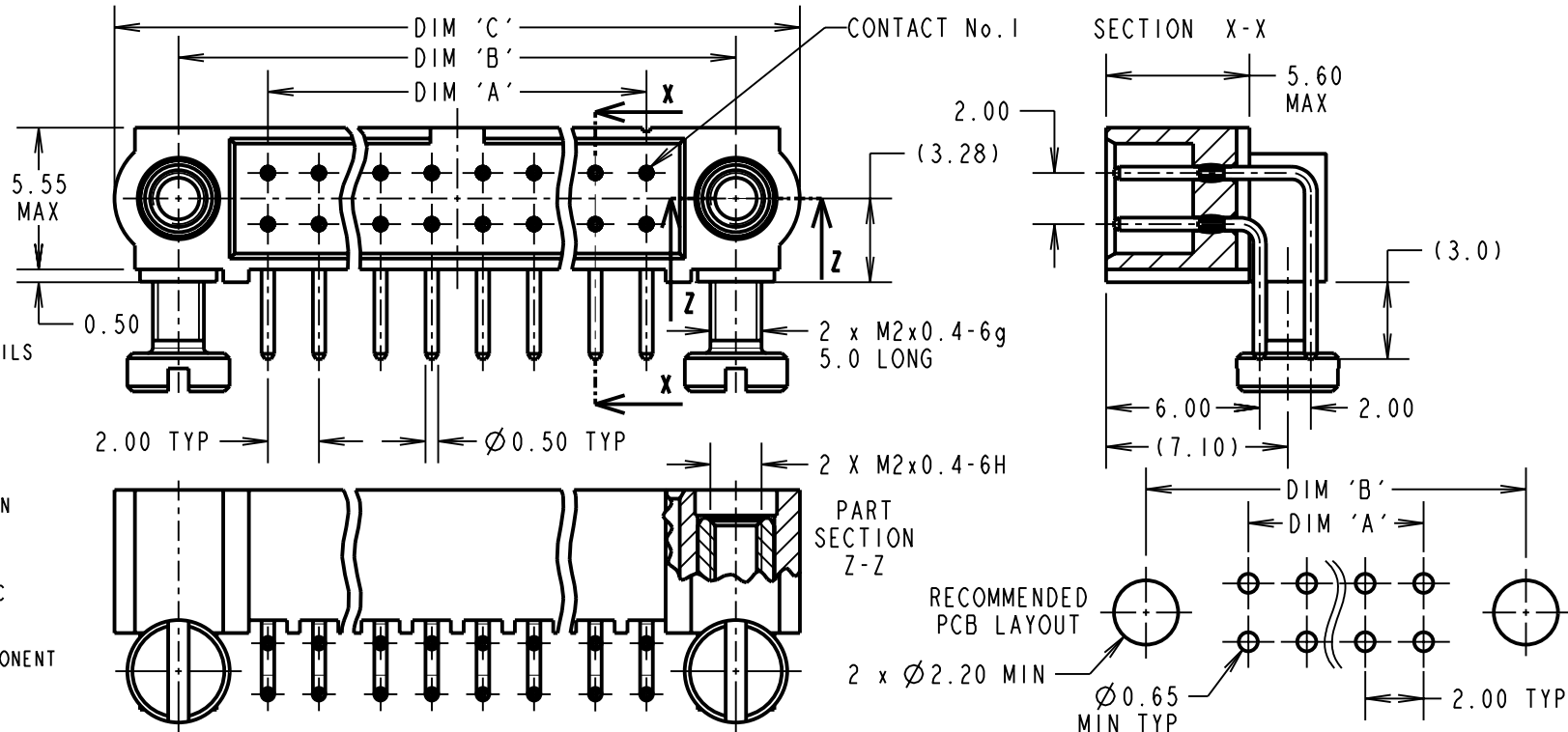
DURABILITY = 500 OPERATIONS

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 OVER NICKEL ON TAIL,

M80-5L12042M5-00-000-00-000

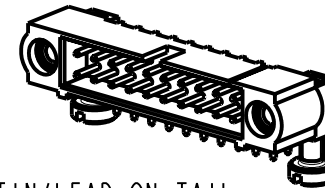
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm

ORDER CODE:**M80-5L1XXXXM5-00-000-00-000**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 OVER NICKEL ON TAIL



CP	I	02.09.10	10870
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: B. M. KENT			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.TOLERANCES
X. = ± 1 mm
X.X = ± 0.25 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: mm²TITLE: DATAMATE J-TEK DIL HORIZ
3mm PC-TAIL MALE ASSEMBLY
WITH 5mm BOARD MOUNT

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M80-5L1XXXXM5-00-000-00-000SHT
2
OF 2