

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 = 0.75µ GOLD ALL OVER

22 = 0.75µ GOLD ON CONTACT AREA,

3µ TIN/LEAD ON TAILS

42 = 0.75µ GOLD ON CONTACT AREA,

3µ 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 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

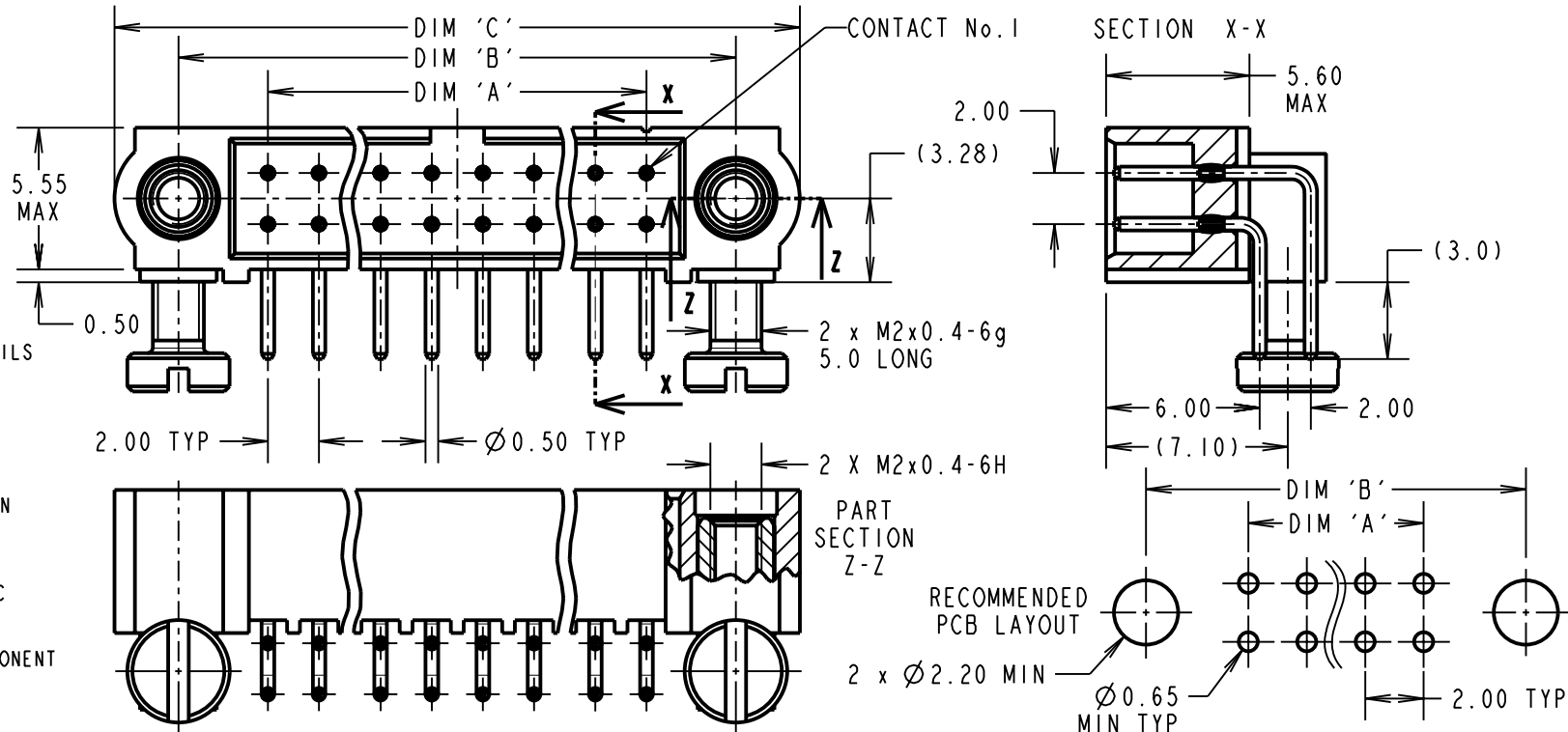
DURABILITY = 500 OPERATIONS

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**

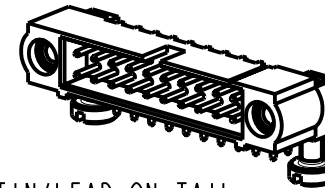
TOTAL No. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)

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

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
--	--	--

THIS DRAWING AND ANY
INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
CONFIDENTIAL AND COPYRIGHT
PROPERTY OF THE HARWIN
GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

TOLERANCES

X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:mm²

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

DRAWING NUMBER:**M80-5L1XXXXM5-00-000-00-000****SHT**

2 OF 2