

Customer Information Sheet

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

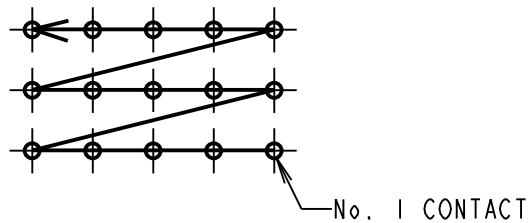
ALL DIMENSIONS IN mm

M80-701XXXX

FINISH:-

05 = GOLD
22 = GOLD + TIN/LEAD
42 = GOLD + 100% TIN

1. FROM NO. 1 POSITION, CONTACTS
NUMBERED IN SEQUENCE FROM
RIGHT TO LEFT AND FROM
BOTTOM ROW TO TOP ROW (SEE BELOW).



MATERIAL:
 MOULDING = POLYAMIDE 46 UL94V-0, BLACK
 CONTACT = PHOSPHOR BRONZE
 JACKSCREWS = STAINLESS STEEL
 FINISH (ALL OVER NICKEL):
 05 = 0.25 - 0.3 μ GOLD
 22 = 0.75 μ GOLD ON CONTACT AREA,
 3.0 μ 90/10 TIN/LEAD ON TAILS
 42 = 0.75 μ GOLD ON CONTACT AREA,
 3.0 μ 100% TIN ON TAILS

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 VOLTAGE PROOF = 360V AC/DC
 CONTACT RESISTANCE (INITIAL) = 20mΩ MAX
 (AFTER CONDITIONING) = 25mΩ MAX
 INSULATION RESISTANCE (INITIAL) = 1,000MΩ MIN
 (AFTER CONDITIONING) = 100MΩ

MECHANICAL:

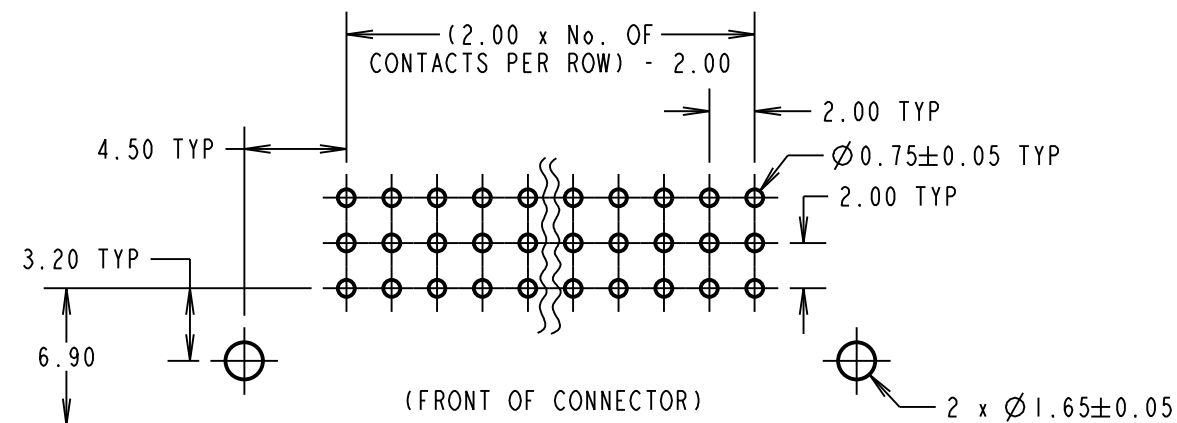
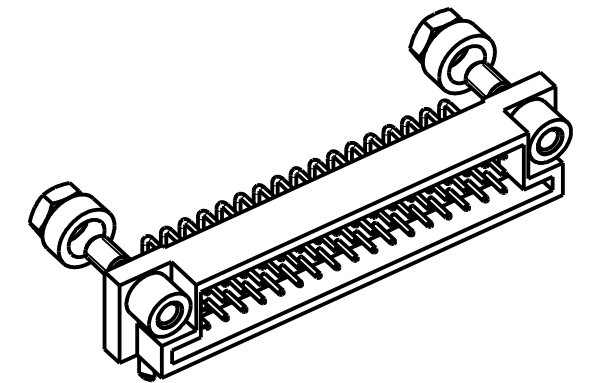
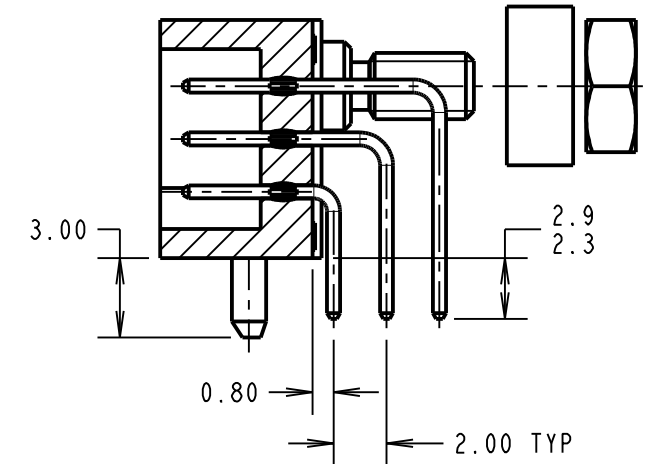
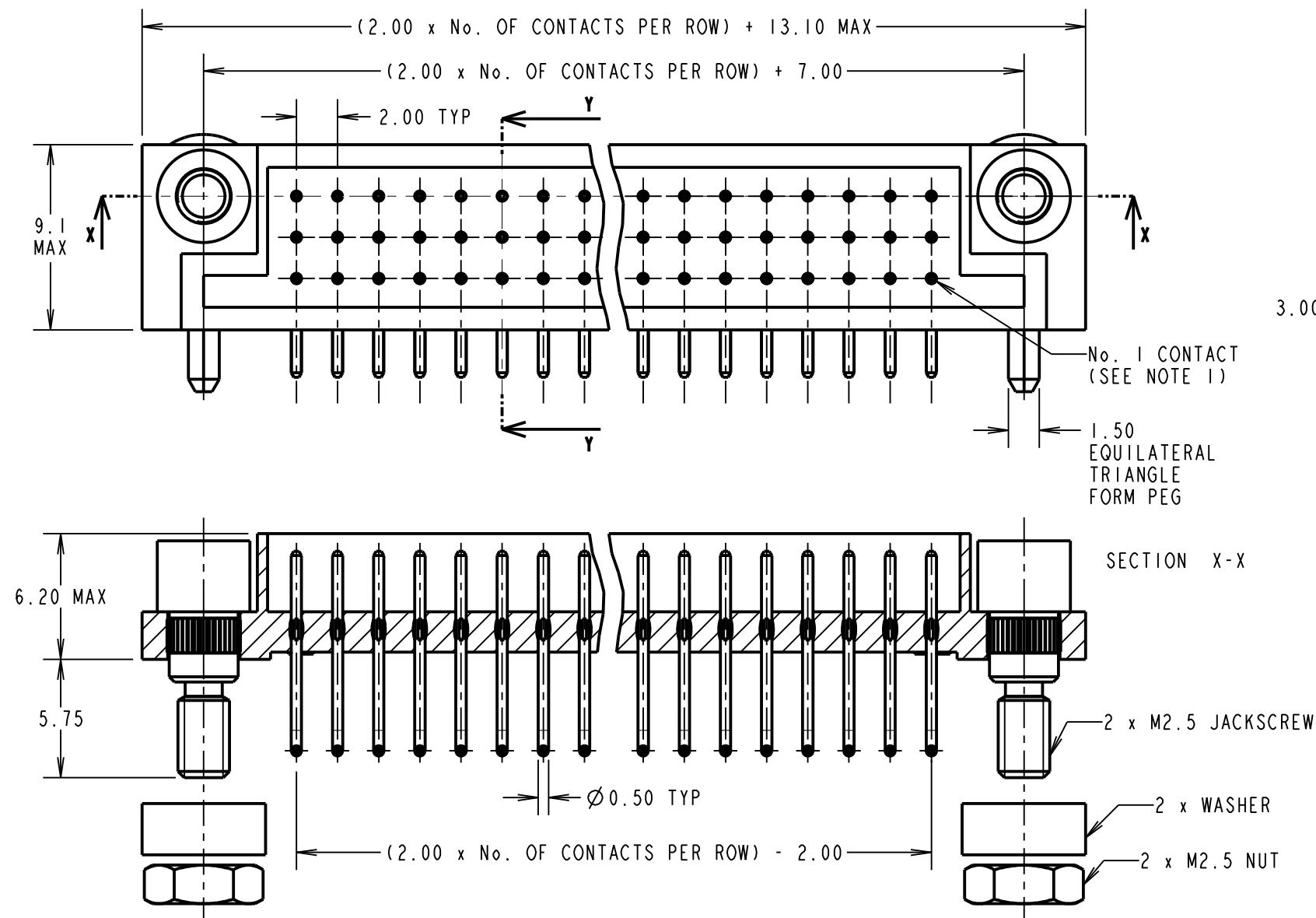
DURABILITY = 500 OPERATIONS
 MAXIMUM INSERTION FORCE = No. OF CONTACTS x 2.8N
 MAXIMUM WITHDRAWAL FORCE = No. OF CONTACTS x 1.8N
 MINIMUM WITHDRAWAL FORCE = No. OF CONTACTS x 0.2N

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
TRAYS

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C017XX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT

HARWIN

www.harwin.com
technical@harwin.com

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.

X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$

UNLESS STATED

SEE ABOVE

m	FINISH:	SEE TABLE
---	---------	-----------

S/AREA:	mm ²
---------	-----------------

TITLE: DATAMATE J-TEK
3-ROW MALE HORIZ. PC TAIL
ASSEMBLY WITH JACKSCREWS

DRAWING NUMBER:
M80-701XXXX

SHT
OF 2

MSP	9	26.05.15	12829
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: I.SANDY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M80-7012722](#) [M80-7014522](#) [M80-7016322](#) [M80-7013622](#) [M80-7015142](#) [M80-7012742](#) [M80-7013642](#) [M80-7014542](#) [M80-7016342](#) [M80-7013605](#) [M80-7014505](#)