

Customer Information Sheet

DRAWING No.: M80-826XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

NOTES:

1. 2-OFF STRAIN RELIEF STRAPS M80-0030006
MAY BE USED WITH THIS CONNECTOR.

ORDER CODE:

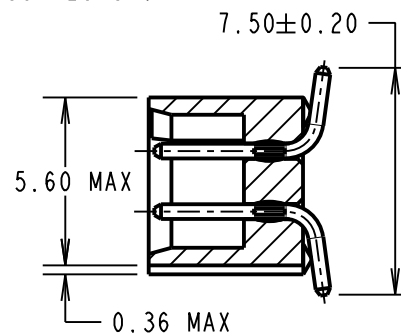
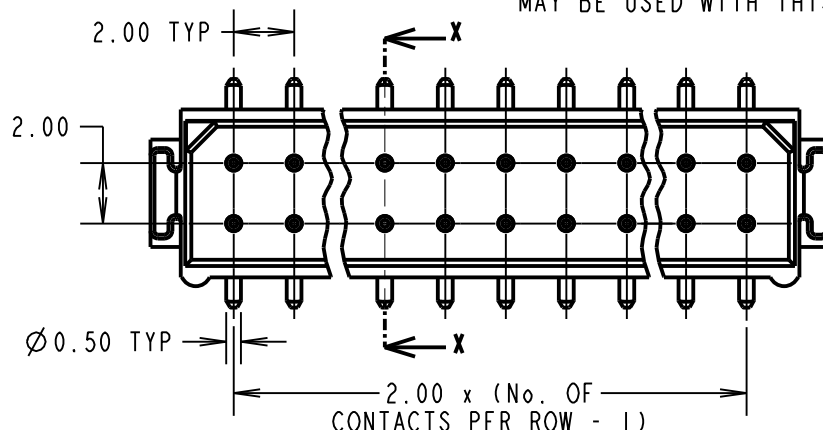
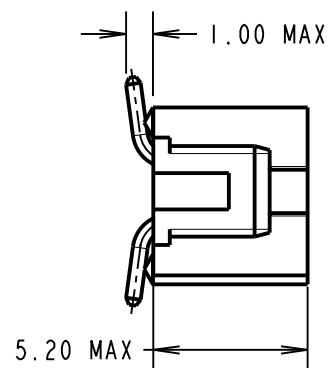
M80-826XXXX

TOTAL No. OF WAYS

04, 06, 08, 10, 12
14, 16, 18, 20, 26
34, 44

FINISH

22 - SELECTIVE GOLD
+ TIN/LEAD
42 - SELECTIVE GOLD
+ 100% TIN
45 - GOLD



SECTION X-X

SPECIFICATIONS:

MATERIAL:

MOULDING = G-F PPS UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE

FINISH:

CONTACTS:

- 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 OVER NICKEL ON TAILS
45 = 0.75 μ GOLD ALL OVER

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC
CONTACT RESISTANCE (INITIAL) = 20 m Ω MAX
CONTACT RESISTANCE (AFTER CONDITIONING) = 25 m Ω MAX
INSULATION RESISTANCE (INITIAL) = 1,000 M Ω MIN
INSULATION RESISTANCE (AFTER CONDITIONING) = 100 M Ω MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

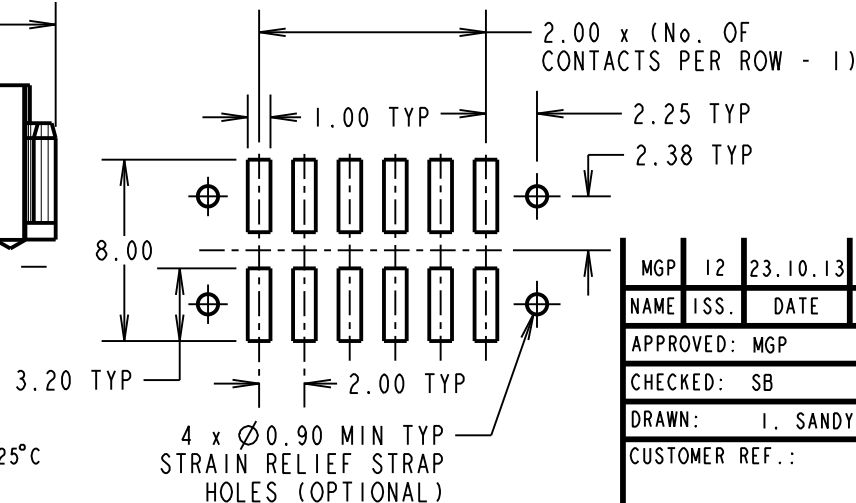
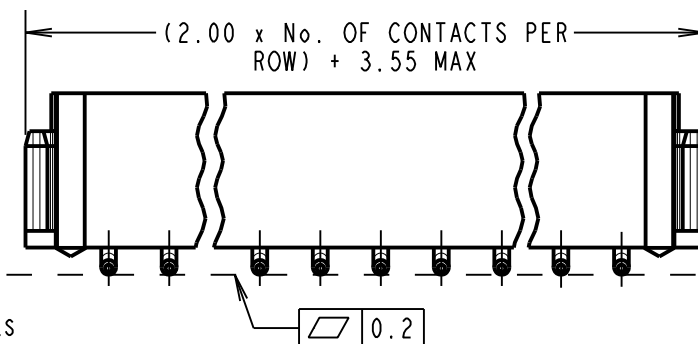
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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

RECOMMENDED
PCB LAYOUT

MGP	12	23.10.13	12232
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: I. SANDY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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.

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:

mm²

TITLE:

DATAMATE L-TEK
MALE DIL VERTICAL SMT
ASSEMBLY - UNLATCHED

DRAWING NUMBER:

M80-826XXXX

SHT
2
OF
2