

# Customer Information Sheet

DRAWING No.: M80-837XXXX

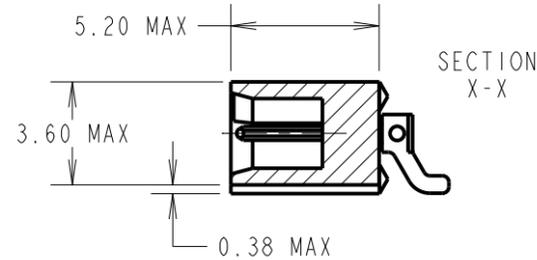
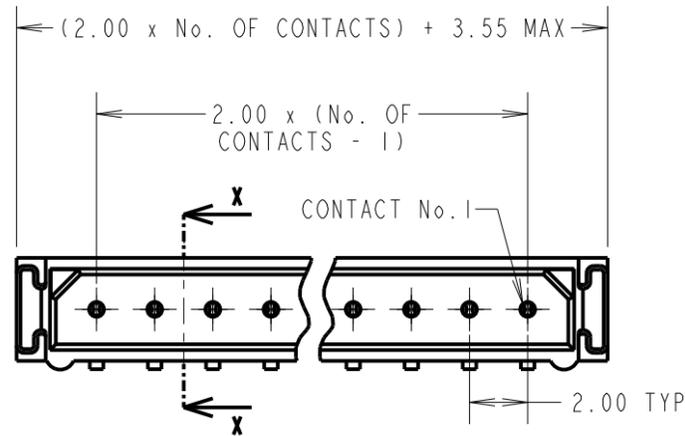
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**

MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK  
CONTACT = COPPER ALLOY

**FINISH:**

**CONTACT:**

22 =  $0.75\mu\text{m}$  GOLD ON CONTACT AREA,  
 $0.3\mu\text{m}$  90/10 TIN/LEAD ON TAILS  
42 =  $0.75\mu\text{m}$  GOLD ON CONTACT AREA,  
 $0.3\mu\text{m}$  100% TIN OVER NICKEL ON TAILS  
45 =  $0.75\mu\text{m}$  GOLD  
LATCH = NICKEL

**ELECTRICAL:**

CURRENT RATING AT  $25^\circ\text{C}$  =  $3.0\text{A MAX}$   
CURRENT RATING AT  $85^\circ\text{C}$  =  $2.2\text{A MAX}$   
WORKING VOLTAGE =  $800\text{V AC/DC}$   
VOLTAGE PROOF =  $1200\text{V AC/DC}$   
CONTACT RESISTANCE =  $25\text{m}\Omega \text{ MAX}$   
INSULATION RESISTANCE =  $100\text{M}\Omega \text{ MIN}$

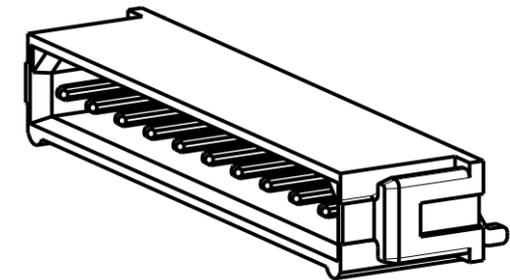
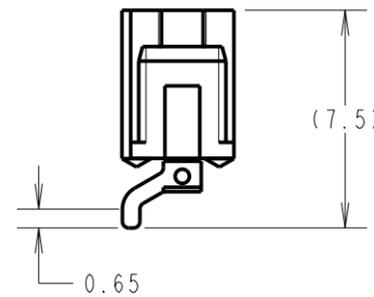
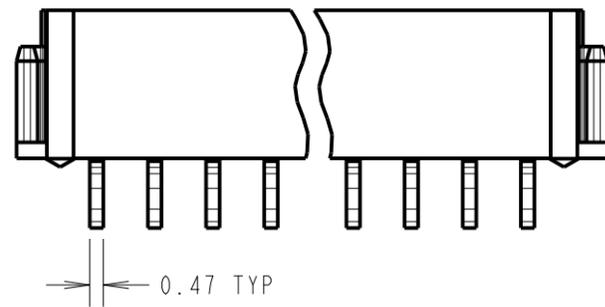
**MECHANICAL:**

DURABILITY = 500 OPERATIONS

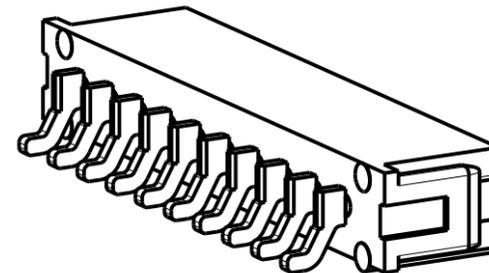
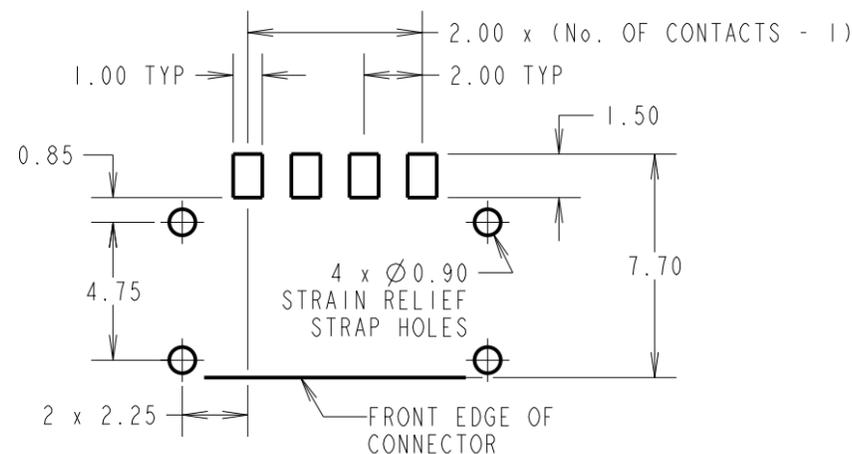
**ENVIRONMENTAL:**

TEMPERATURE RANGE =  $-55^\circ\text{C}$  TO  $+125^\circ\text{C}$

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



**RECOMMENDED PCB LAYOUT**  
TOLERANCE  $\pm 0.05\text{mm}$



**ORDER CODE:**  
**M80-837XXXX**

No. OF CONTACTS: \_\_\_\_\_  
02 - 07, 17, 22

FINISH: \_\_\_\_\_  
22 - GOLD, 90/10 TIN/LEAD  
42 - GOLD, 100% TIN OVER NICKEL  
45 - GOLD

AB	5	07.11.22	31386
NAME	ISS.	DATE	CN/CO
APPROVED:		A.BOXALL	
CHECKED:		R.PORTLOCK	
DRAWN:		S.FLOWER	
CUSTOMER REF.:			
ASSEMBLY DRG:			

<p>www.harwin.com technical@harwin.com</p>	<p>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.</p>	<p>TOLERANCES</p> <p>X. = <math>\pm 1\text{mm}</math> X.X = <math>\pm 0.50\text{mm}</math> X.XX = <math>\pm 0.20\text{mm}</math> X.XXX = <math>\pm 0.01\text{mm}</math></p> <p>ANGLES = <math>\pm 5^\circ</math> UNLESS STATED</p>	<p>MATERIAL:</p> <p>SEE ABOVE</p>	<p>TITLE:</p> <p>DATAMATE L-TEK MALE SIL HORIZONTAL SMT ASSEMBLY (UNLATCHED)</p>
			<p>FINISH:</p> <p>SEE ABOVE</p>	<p>DRAWING NUMBER:</p> <p><b>M80-837XXXX</b></p>