

Customer Information Sheet

DRAWING No.: M80-5L1XXXXM7

IF IN DOUBT - ASK

©

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

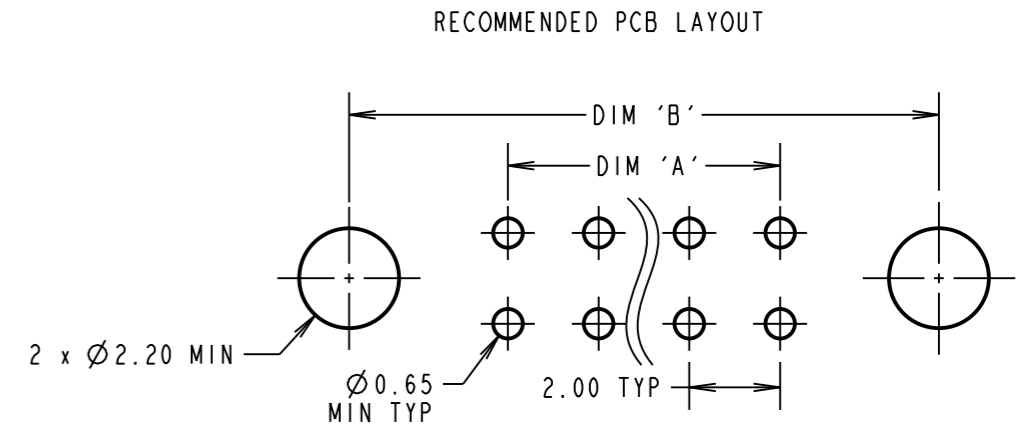
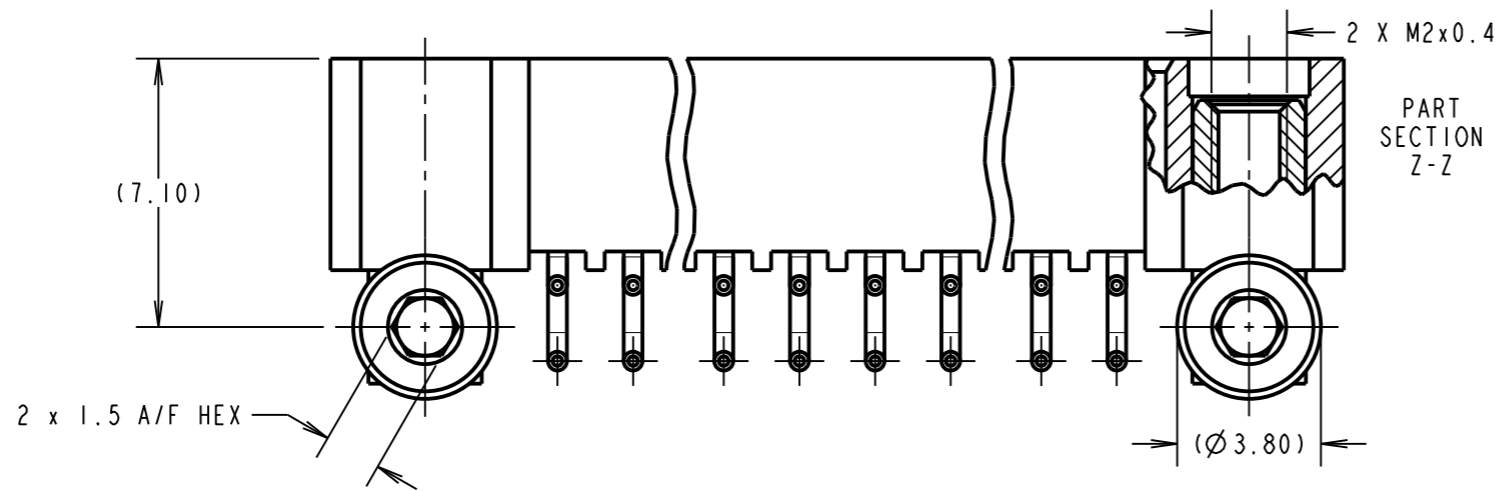
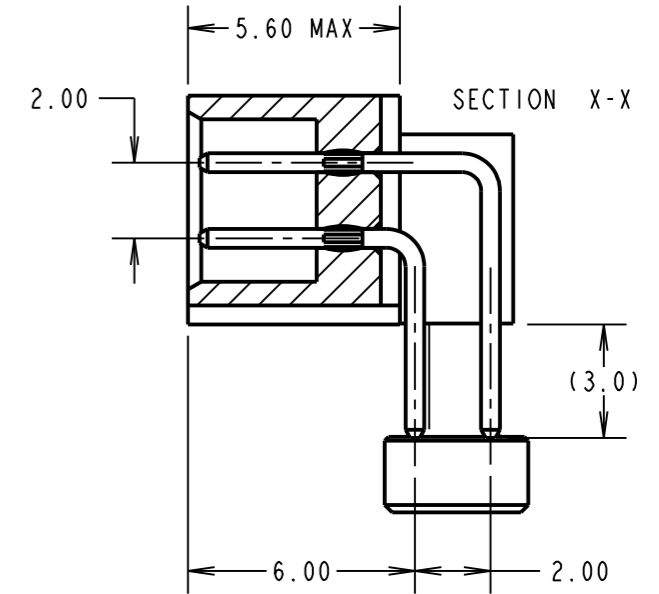
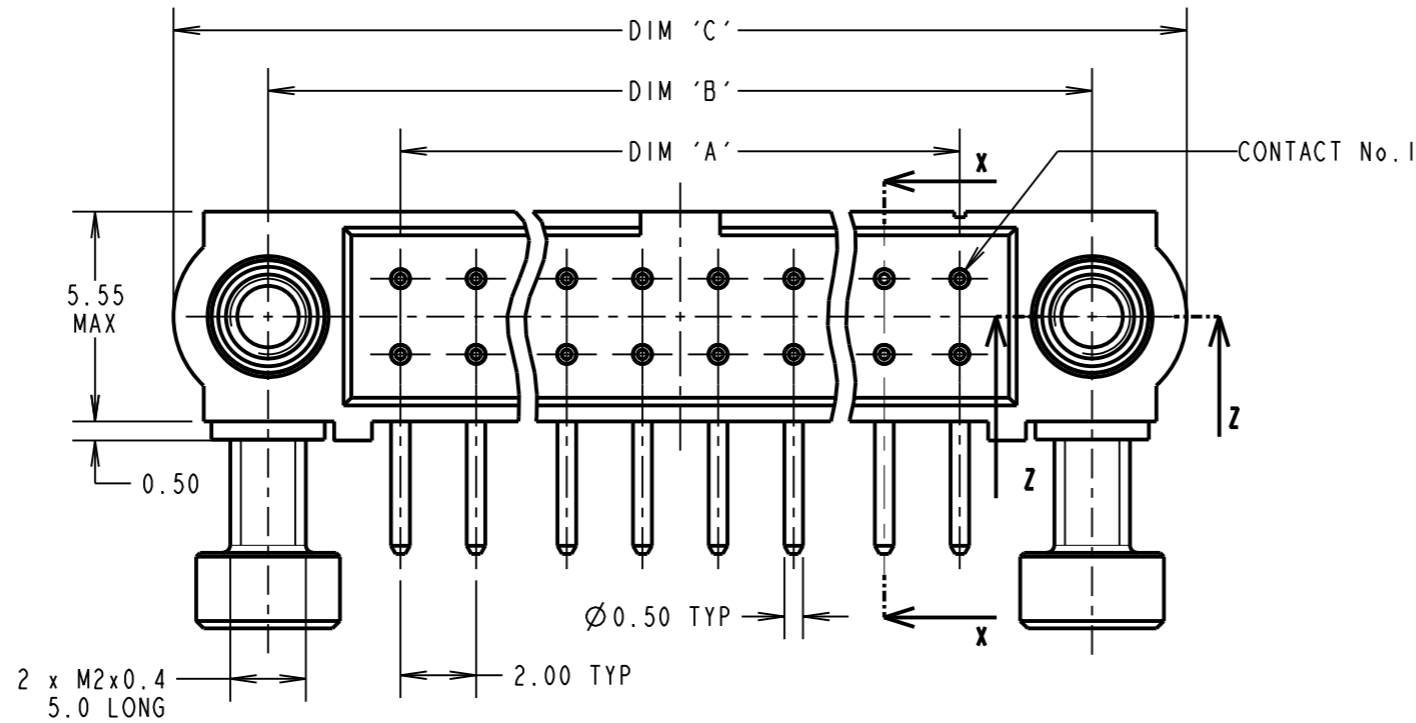
ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 WORKING VOLTAGE = 800V AC/DC
 VOLTAGE PROOF = 1200V AC/DC
 CONTACT RESISTANCE = 25 mΩ MAX
 INSULATION RESISTANCE = 100 MΩ MIN

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,
 M80-5L12042M7
 DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm

ORDER CODE:
M80-5L1XXXXM7

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

SF	4	11.07.13	12150
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.FLOWER	
CHECKED:		M.PLESTED	
DRAWN:		S.FLOWER	
CUSTOMER REF.:			
ASSEMBLY DRG:			

 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. = ±1mm X.X = ±0.25mm X.XX = ±0.10mm X.XXX = ±0.01mm ANGLES = ±5° UNLESS STATED	MATERIAL: SEE ABOVE	TITLE: DATAMATE J-TEK MALE HORZ 3mm PC-TAIL ASSY WITH BOARD MOUNT JACKSCREW
			FINISH: SEE ABOVE	