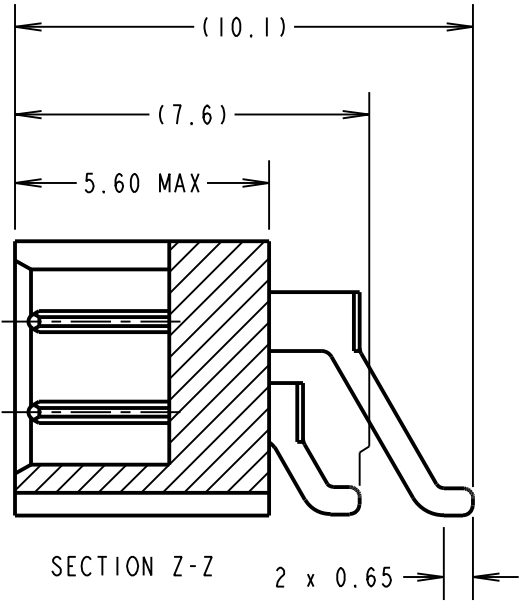
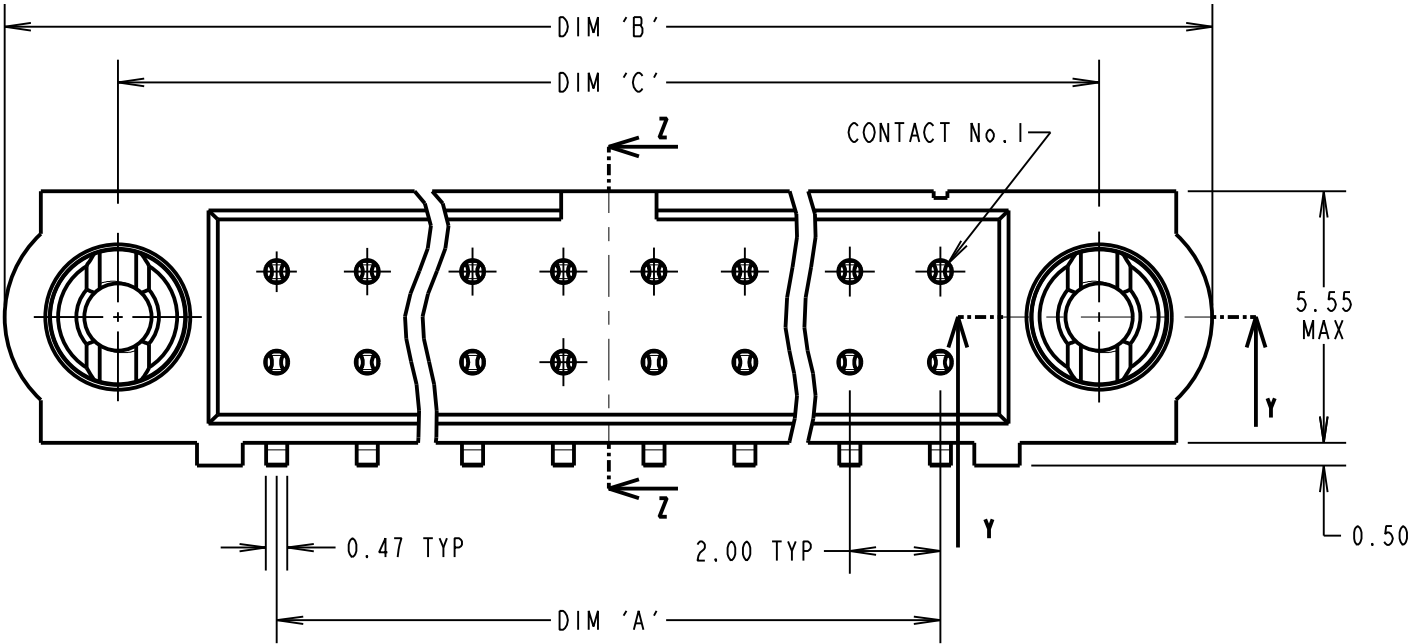
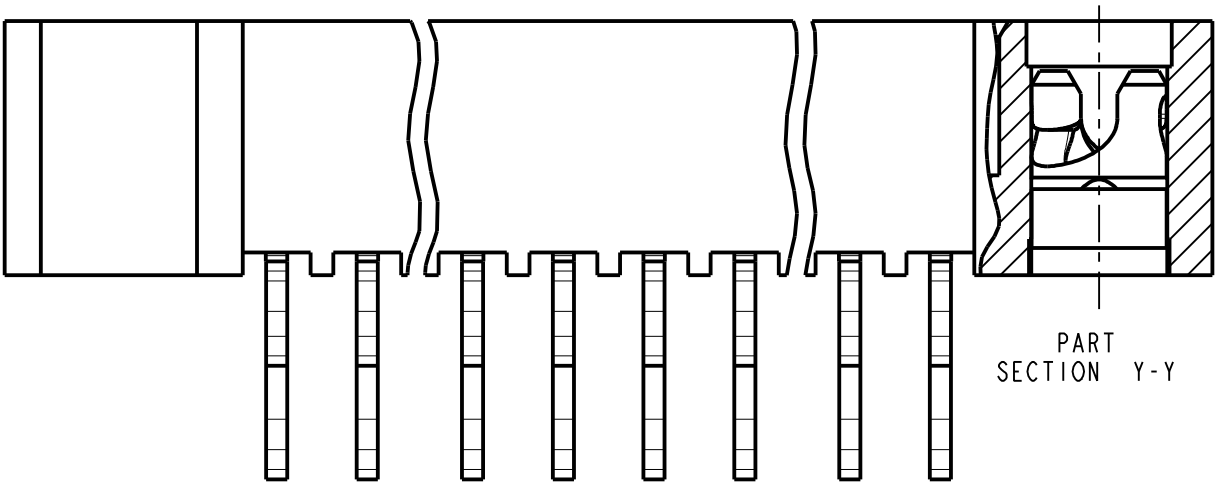


Customer Information Sheet

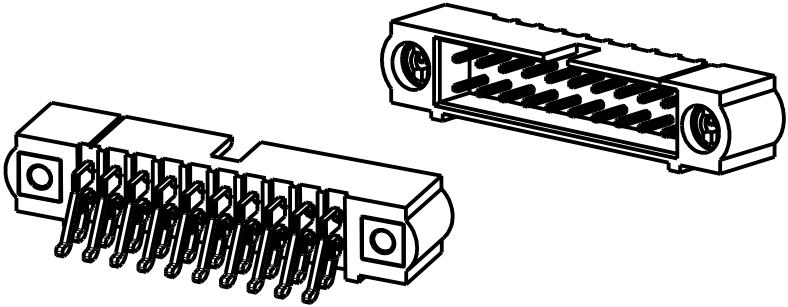
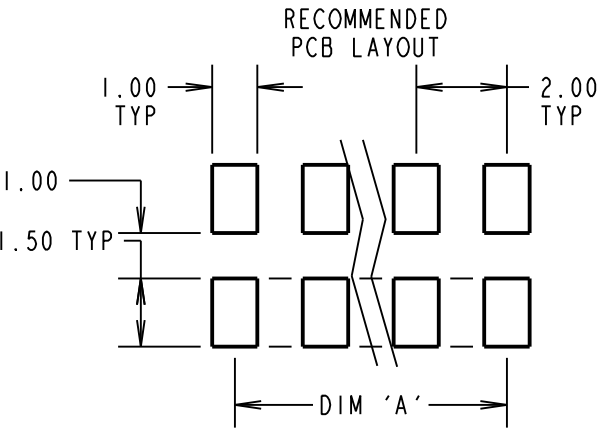
DRAWING No.: M80-5S2XXXXMC SHEET 2 OF 2 IF IN DOUBT - ASK © NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK
CONTACT = COPPER ALLOY
10ILOK RETAINER = STAINLESS STEEL
FINISH:
22 = 0.75µ GOLD ON CONTACT AREA,
3µm 90/10 TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA,
3µm 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 + 10
DIM 'C'	TOTAL No. OF CONTACTS + 5
EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD ON CONTACT AREA AND 100% TIN OVER NICKEL ON TAIL, M80-5S22042MC	
DIM 'A' = 18.00mm, DIM 'B' = 30.00mm, DIM 'C' = 25.00mm	



ORDER CODE: M80-5S2XXXXMC

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

FINISH CODE _____
22 - GOLD ON CONTACT AREA / TIN/LEAD ON TAIL
42 - GOLD ON CONTACT AREA / 100% TIN ON TAIL

MSP	3	12.12.14	12724
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN: R.ADDE			
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 = ±0.50mm X.XX = ±0.10mm X.XXX = ±0.01mm ANGLES = ±5° UNLESS STATED	MATERIAL: SEE ABOVE	TITLE: JACKSCREW DATAMATE DIL HORIZONTAL SMT MALE ASSEMBLY	DRAWING NUMBER: M80-5S2XXXXMC	SHT 2 OF 2