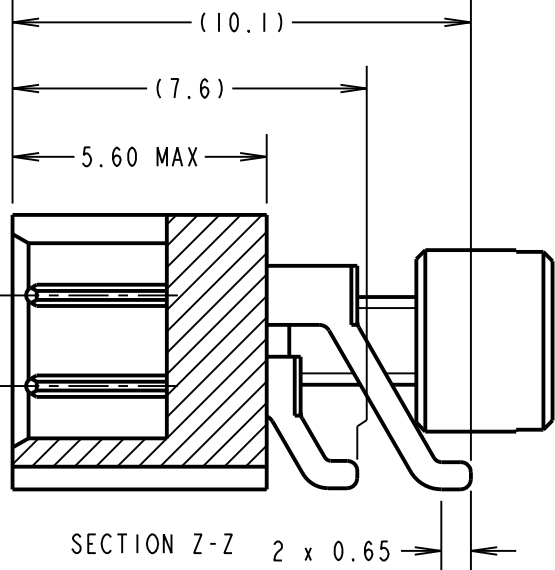
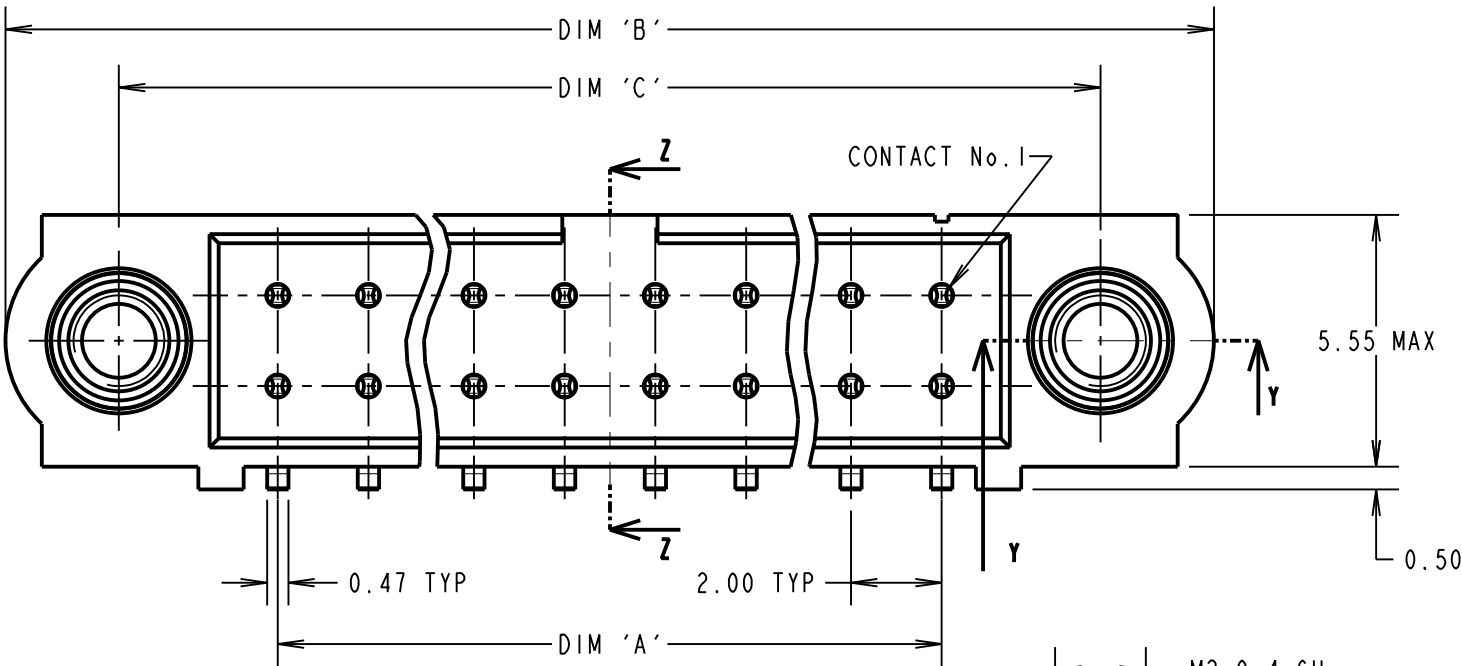
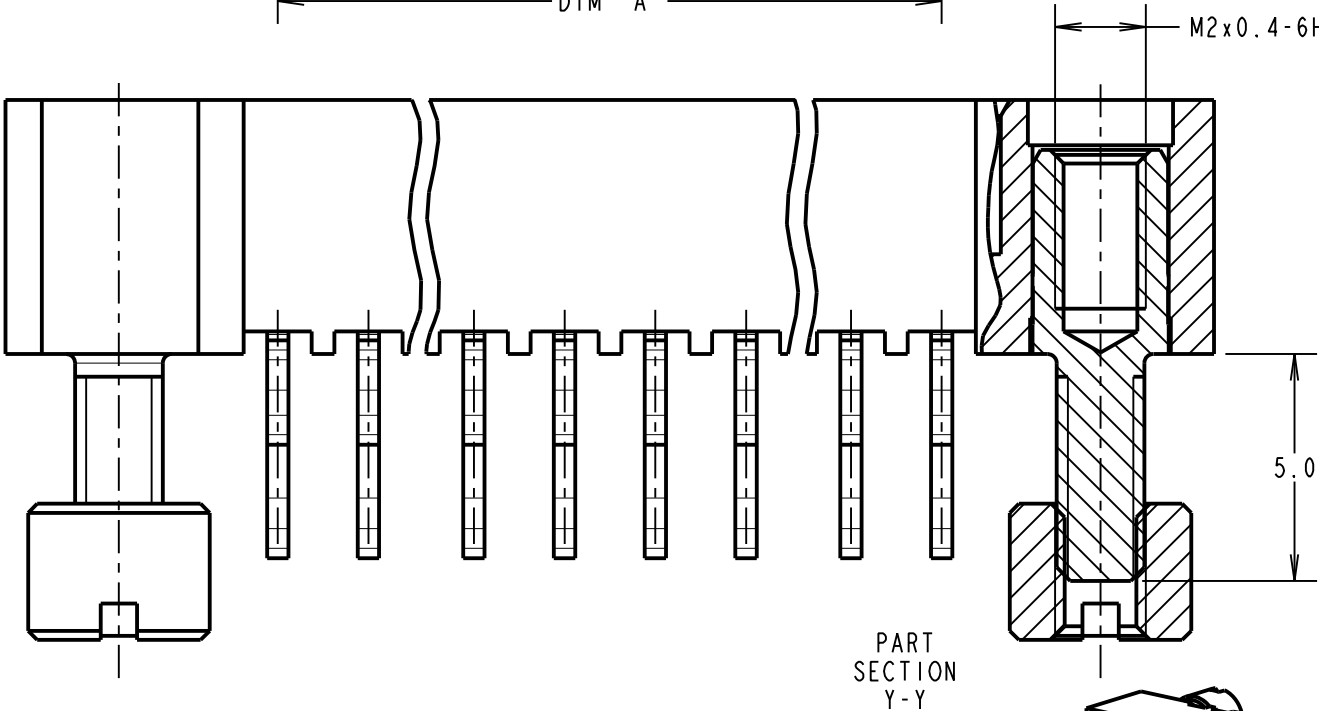


Customer Information Sheet

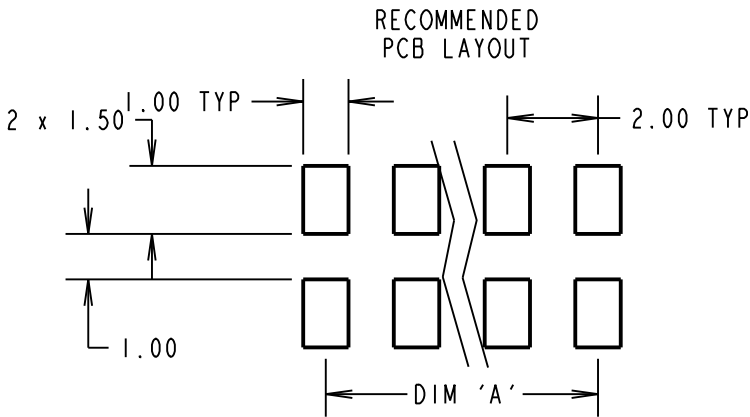
DRAWING No.: M80-5S2XXXXM3-00-000-00-000 SHEET 2 OF 2 IF IN DOUBT - ASK (C) NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm



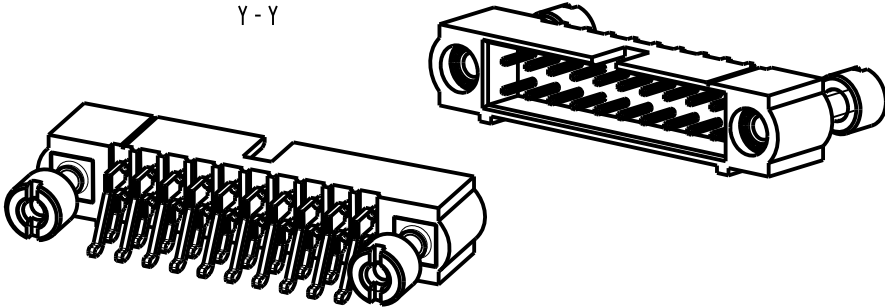
SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS,
UL94V-0, BLACK
CONTACT = BRASS
JACKSCREW, NUT = STAINLESS STEEL
FINISH:
05 = 0.25 - 0.3µ 100% GOLD
22 = 0.75µ GOLD ON CONTACT AREA,
0.3µ 90/10 TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA,
0.3µ 100% TIN OVER NICKEL ON TAILS
ELECTRICAL:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 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 M80-5S22042M3-00-000-00-000	
DIM 'A' = 18.00mm, DIM 'B' = 30.00mm, DIM 'C' = 25.00mm	



PART
SECTION
Y-Y



ORDER CODE:
M80-5S2XXXXM3-00-000-00-000
TOTAL No. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)
FINISH CODE
22 - GOLD CONTACT AREA / TIN/LEAD TAIL
42 - GOLD CONTACT AREA / 100% TIN OVER NICKEL TAIL
05 - GOLD CONTACT AREA AND TAIL

SM	2	03.11.10	10999
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN			TOLERANCES		MATERIAL: SEE ABOVE	TITLE: JACKSCREW DATAMATE DIL HORIZONTAL SMT MALE ASSEMBLY	
HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg	X. = ±1mm X.X = ±0.25mm X.XX = ±0.10mm X.XXX = ±0.01mm ANGLES = ±5° UNLESS STATED				
					FINISH: SEE ABOVE	DRAWING NUMBER: M80-5S2XXXXM3-00-000-00-000	SHT 2 OF 2
					S/AREA: mm ²		