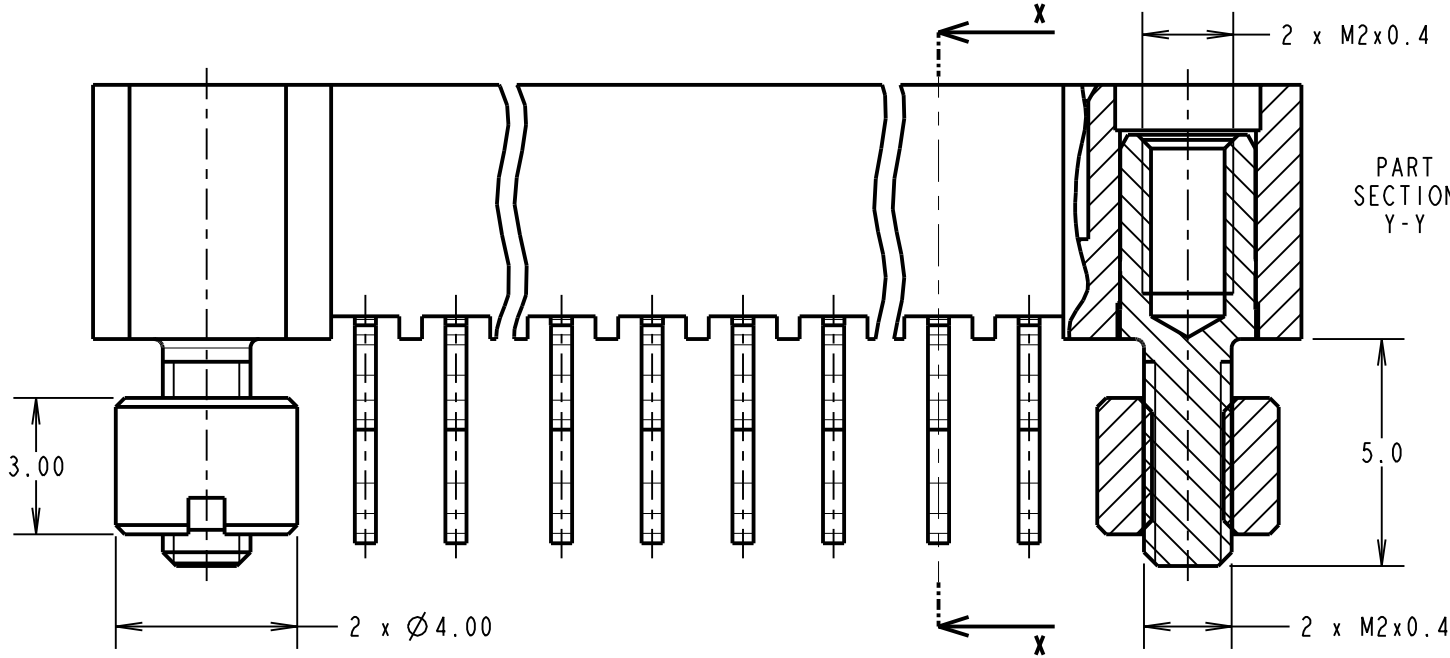
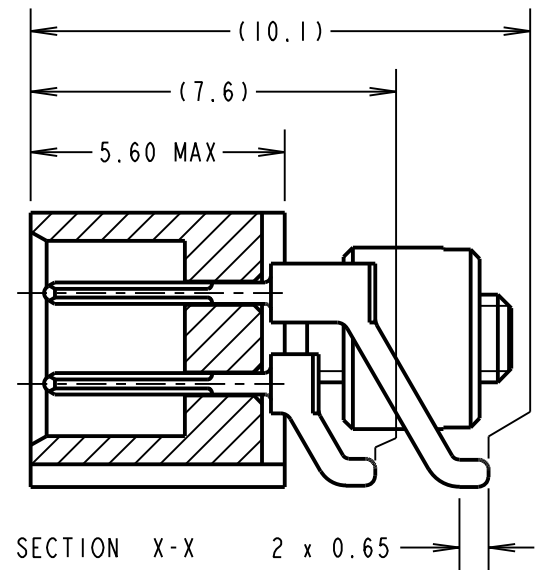
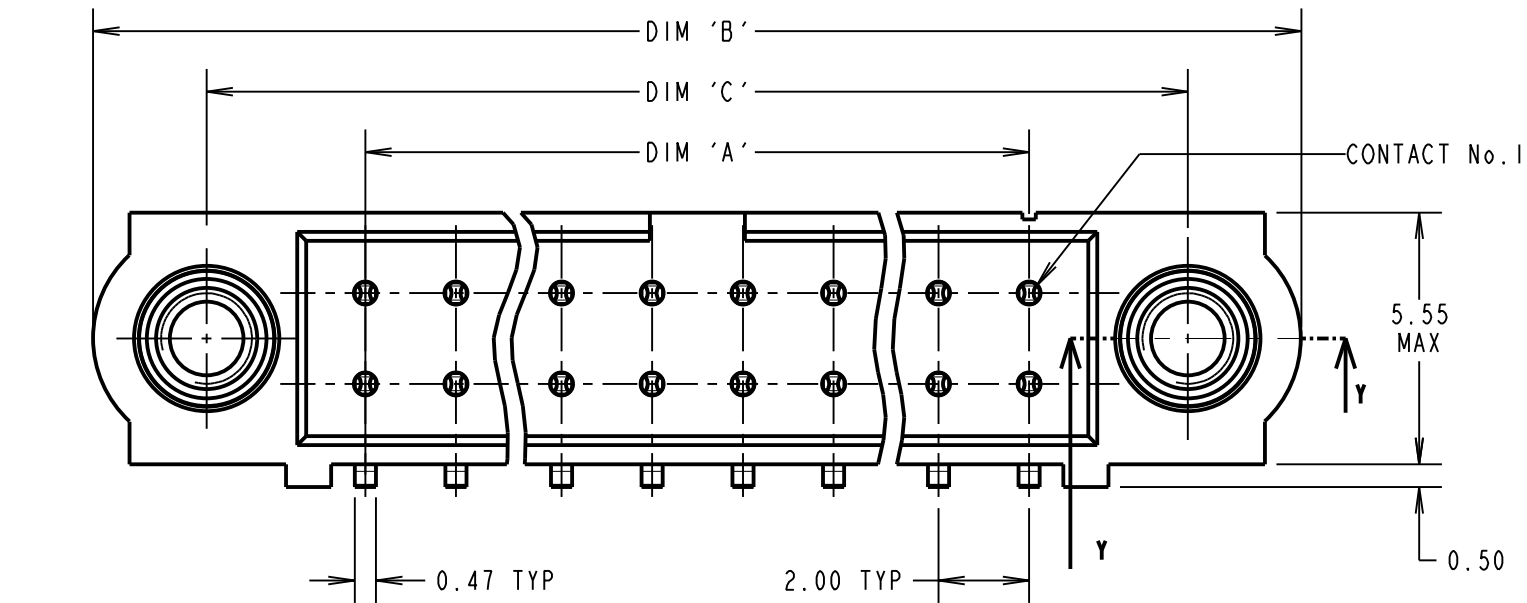


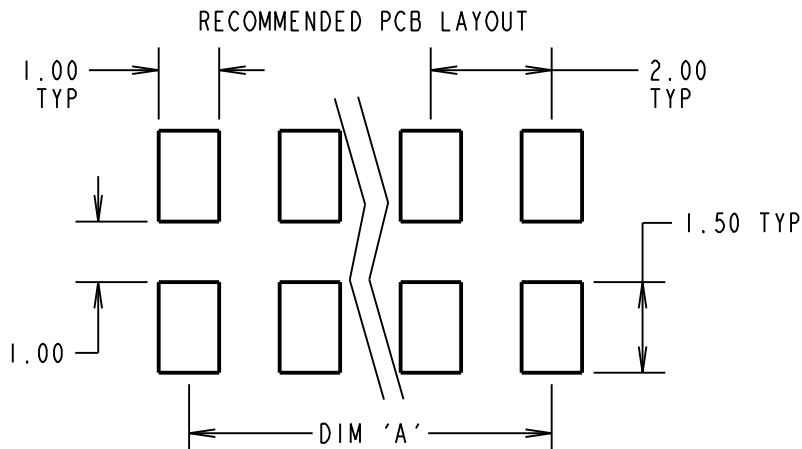
Customer Information Sheet

DRAWING No.: M80-5S2XXXXM3 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,
 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 = 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 + 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	
DIM 'A' = 18.00mm, DIM 'B' = 30.00mm, DIM 'C' = 25.00mm	



ORDER CODE:
M80-5S2XXXXM3

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

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

MSP	5	12.12.14	12724
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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technical@harwin.com

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	X. = ±1mm	SEE ABOVE	DATAMATE J-TEK	
	X.X = ±0.50mm		MALE HORIZ SMT ASSEMBLY	
	X.XX = ±0.10mm		WITH BOARD MOUNT JACKSCREW	
X.XXX = ±0.01mm		FINISH:	DRAWING NUMBER:	SHT 2 OF 2
ANGLES = ±5°		SEE ABOVE		
UNLESS STATED		S/AREA:	M80-5S2XXXXM3	
		mm²		