

Customer Information Sheet

IF IN DOUBT - ASK

©

NOT TO SCALE

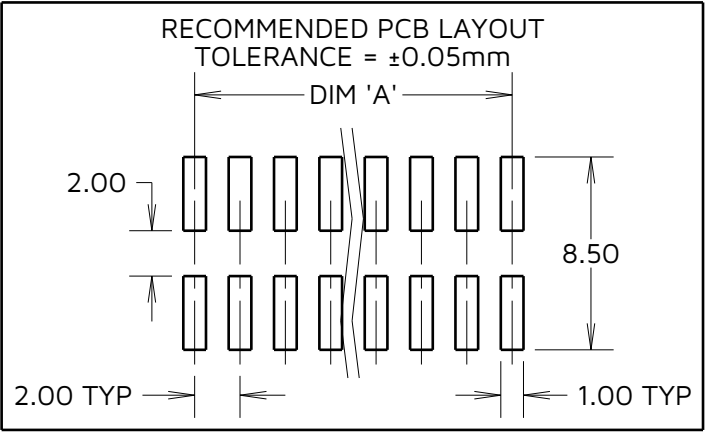
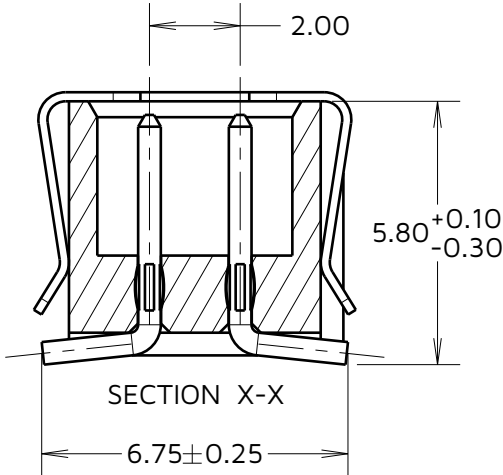
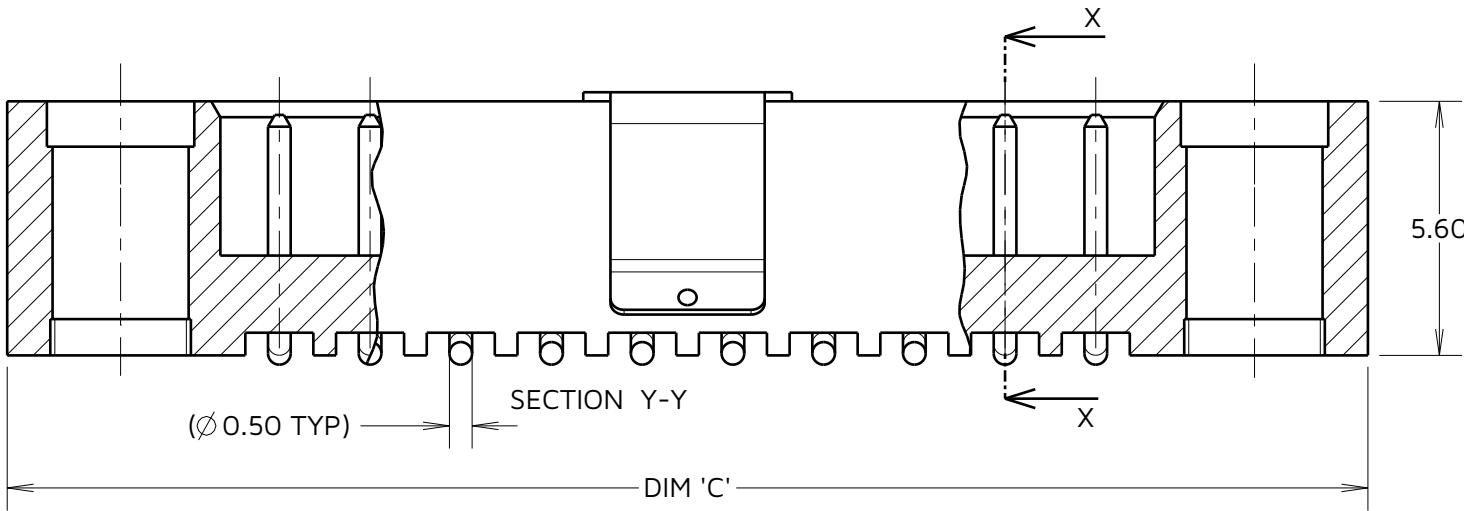
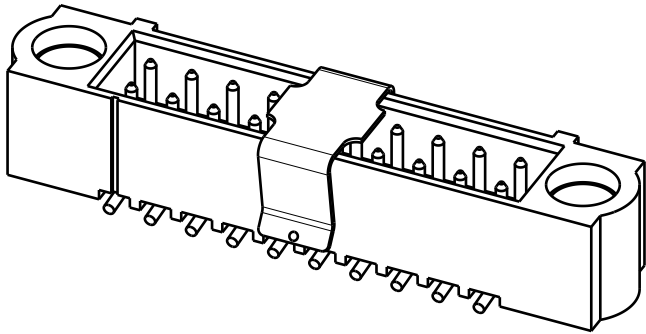
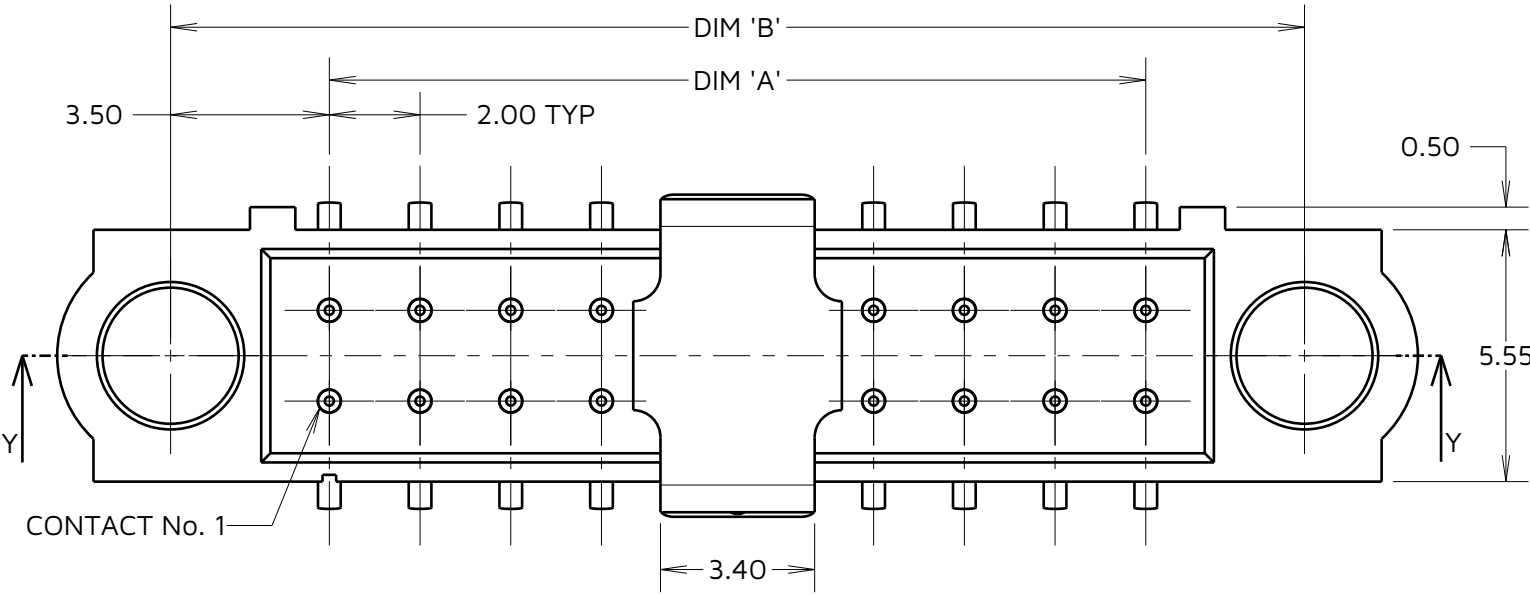
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:
MATERIAL:
HOUSING = GLASS-FILLED PPS,
UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
PICK & PLACE CAP = PHOSPHOR BRONZE
FINISH: (ALL OVER NICKEL)
NICKEL ALL OVER CONTACTS
05 = ALL OVER GOLD
22 = GOLD ON CONTACT AREA,
90/10 TIN/LEAD ON TAILS
42 = GOLD ON CONTACT AREA,
100% TIN ON TAILS
PACKING: TUBE
FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPEC. C005XX (LATEST ISSUE)

TABLE 2: WEIGHTS	
PART No.	WEIGHT (g)
M80-52204XXP	0.54
M80-52206XXP	0.61
M80-52208XXP	0.67
M80-52210XXP	0.74
M80-52212XXP	0.81
M80-52214XXP	0.88
M80-52216XXP	0.95
M80-52218XXP	1.02
M80-52220XXP	1.09
M80-52222XXP	1.16
M80-52224XXP	1.22
M80-52226XXP	1.29
M80-52228XXP	1.36
M80-52230XXP	1.43
M80-52232XXP	1.50
M80-52234XXP	1.57
M80-52236XXP	1.64
M80-52238XXP	1.71
M80-52240XXP	1.78
M80-52242XXP	1.84
M80-52244XXP	1.91
M80-52246XXP	1.98
M80-52248XXP	2.05
M80-52250XXP	2.12

TABLE 1: DIMENSION VARIANTS	
DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2.00
DIM 'B'	TOTAL No. OF CONTACTS + 5.00
DIM 'C'	TOTAL No. OF CONTACTS + 10.0
EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD ON CONTACT AREA AND 100% TIN ON TAIL, M80-522042P	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.0mm	



ORDER CODE:
M80-522XXXXP

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

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

MJ	8	20.12.24	35293
NAME	ISS.	DATE	CN/CO
APPROVED: M. JELLEY			
CHECKED: R. ALEXANDER			
DRAWN: B. M. KENT			

HARWIN

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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MATERIAL & FINISH:

SEE ABOVE

TITLE: **DATAMATE DIL MALE
VERTICAL SMT P/PLACE
CONNECTOR ASSEMBLY**

DRAWING NUMBER:
M80-522XXXXP

SHT
2
OF
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