

Customer Information Sheet

DRAWING No.: M40-600XX46

SHEET 2 OF 2

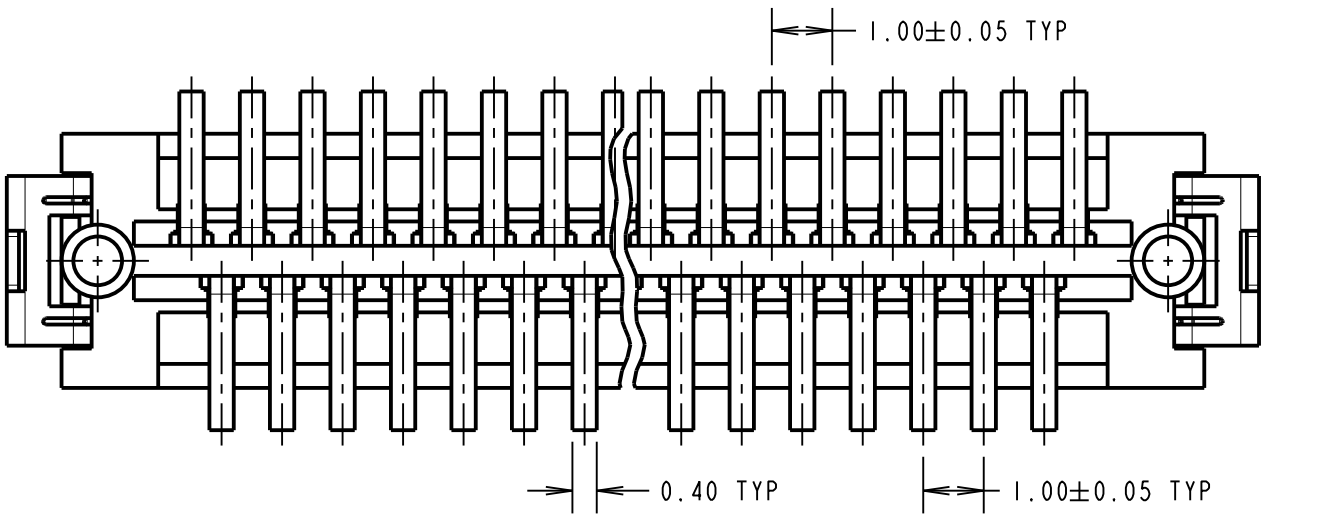
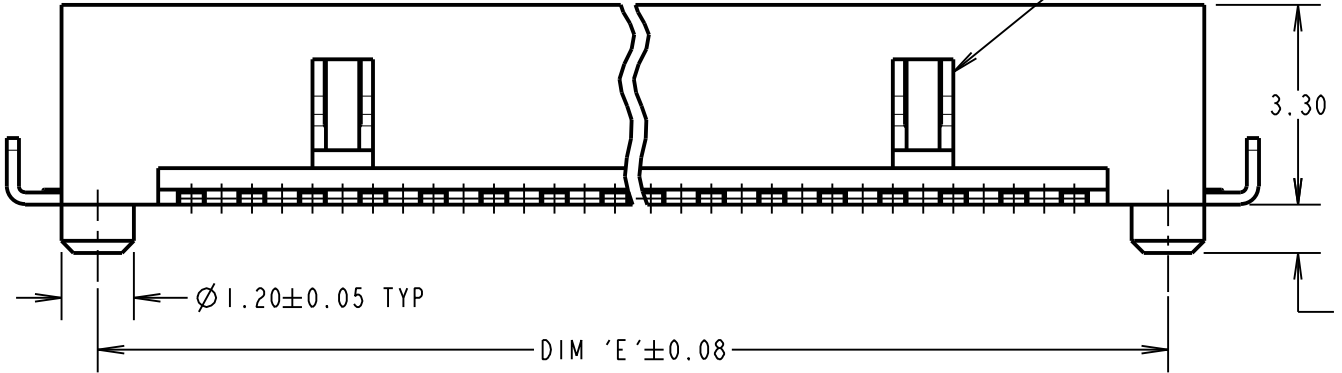
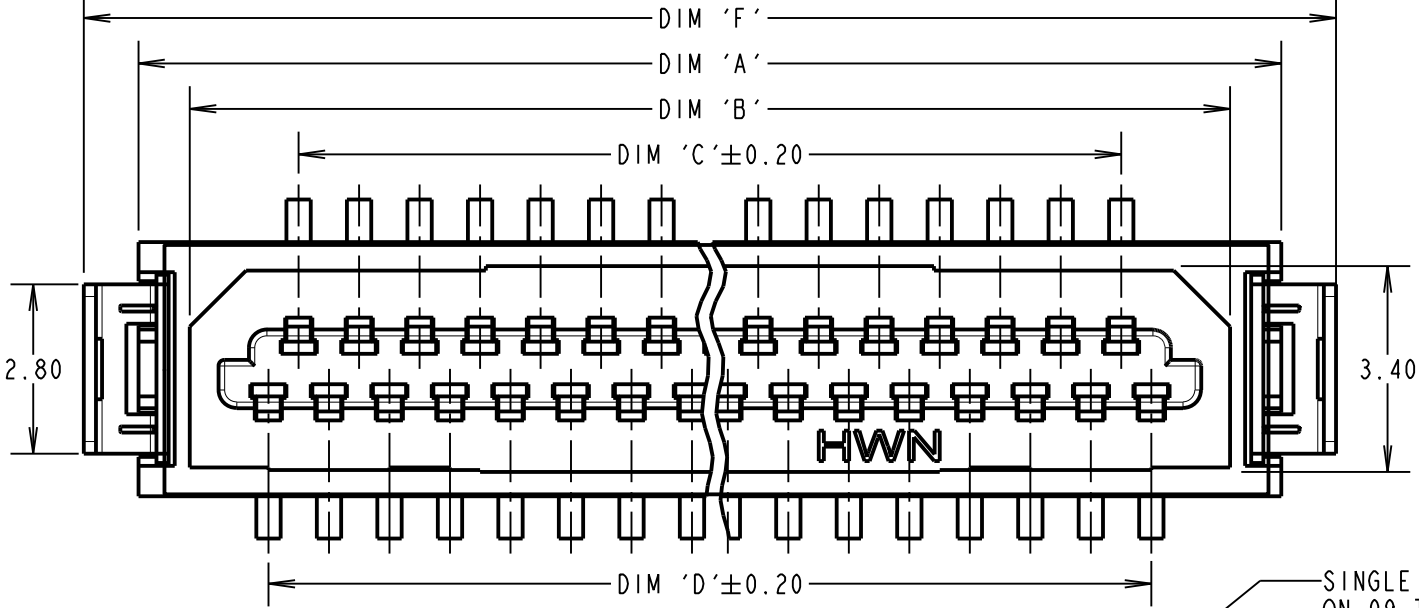
IF IN DOUBT - ASK

(C)

NOT TO SCALE

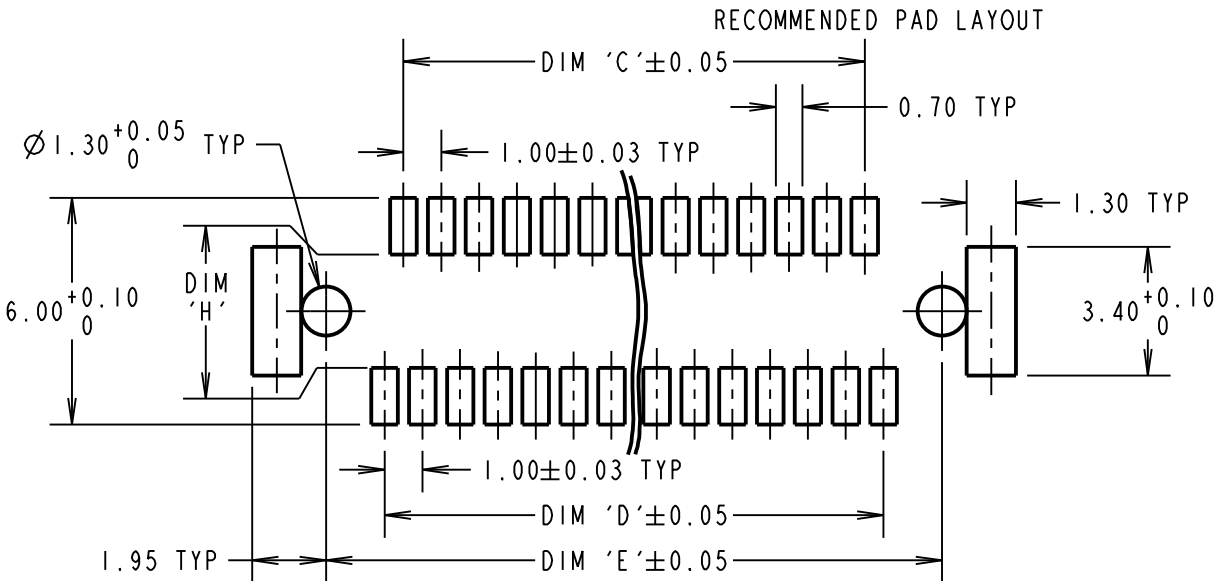
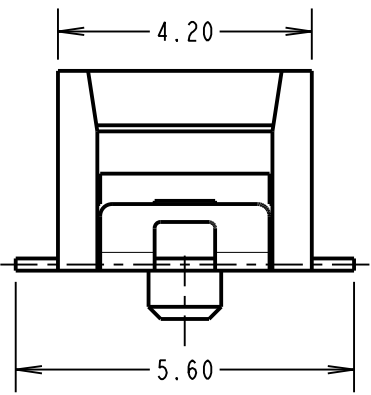
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	DIM 'G'	DIM 'H'	NOTE 3
M40-6000946	9	8.30	6.60	3.00	4.00	7.10	10.10	1.00	1.84 ^{+0.10} _{-0.00}	0.1 MAX
M40-6001546	15	11.30	9.60	6.00	7.00	10.10	13.10			
M40-6002146	21	14.30	12.60	9.00	10.00	13.10	16.10			
M40-6002546	25	16.30	14.60	11.00	12.00	15.10	18.10			
M40-6003146	31	19.30	17.60	14.00	15.00	18.10	21.10	0.80	3.00 ^{+0.00} _{-0.10}	0.15 MAX
M40-6004146	41	24.30	22.60	19.00	20.00	23.10	26.10			
M40-6005146	51	29.30	27.60	24.00	25.00	28.10	31.10			

SPECIFICATIONS:
MATERIAL:
MOULDING = LCP, NATURAL, UL94V-0
CONTACTS AND RETAINER = BRASS
FINISH = 2.03µ MIN 100% TIN, OVER 1.27µ MIN NICKEL
ELECTRICAL:
CURRENT RATING = 0.5 A
VOLTAGE RATING = 150V AC
DIELECTRIC STRENGTH = 250V AC FOR 1 MINUTE
INSULATION RESISTANCE = 500 MΩ MIN
CONTACT RESISTANCE = 50 mΩ MAX
MECHANICAL:
DURABILITY = 30 CYCLES MIN
ENVIRONMENTAL:
TEMPERATURE RANGE = -20°C TO +125°C
PACKING:
TUBE



- NOTES:
1. MATES WITH M40-620XX46 TO GIVE 4.3mm BOARD TO BOARD HEIGHT.
2. ALL TOLERANCES ARE ±0.25 UNLESS OTHERWISE STATED.
3. COPLANARITY - ALIGNMENT OF SMT TAILS AND RETAINERS MUST NOT EXCEED TOLERANCE GIVEN IN TABLE.

ORDER CODE:

M40-600XX46

No. OF CONTACTS

9, 15, 21, 25, 31, 41, 51.

FINISH:

46 = 100% TIN

HARWIN

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TOLERANCES
X = ±1mm
X.X = ±0.50mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:	SEE ABOVE
FINISH:	SEE ABOVE
S/AREA:	mm ²

TITLE:	1.00mm PITCH SMT PLUG CONNECTOR
DRAWING NUMBER:	M40-600XX46
SHT 2 OF 2	

MSP	14	11.11.14	12674
NAME	ISS.	DATE	C/NOTE
APPROVED:	M.PERREN		
CHECKED:	M.PLESTED		
DRAWN:	R.ADDE		
CUSTOMER REF.:			
ASSEMBLY DRG:			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M40-6000946](#) [M40-6001546](#) [M40-6002546](#) [M40-6004146](#) [M40-6005146](#)