

Customer Information Sheet

DRAWING No.: M60-614XX45

SHEET 2 OF 2

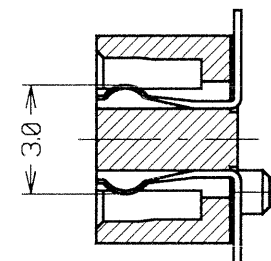
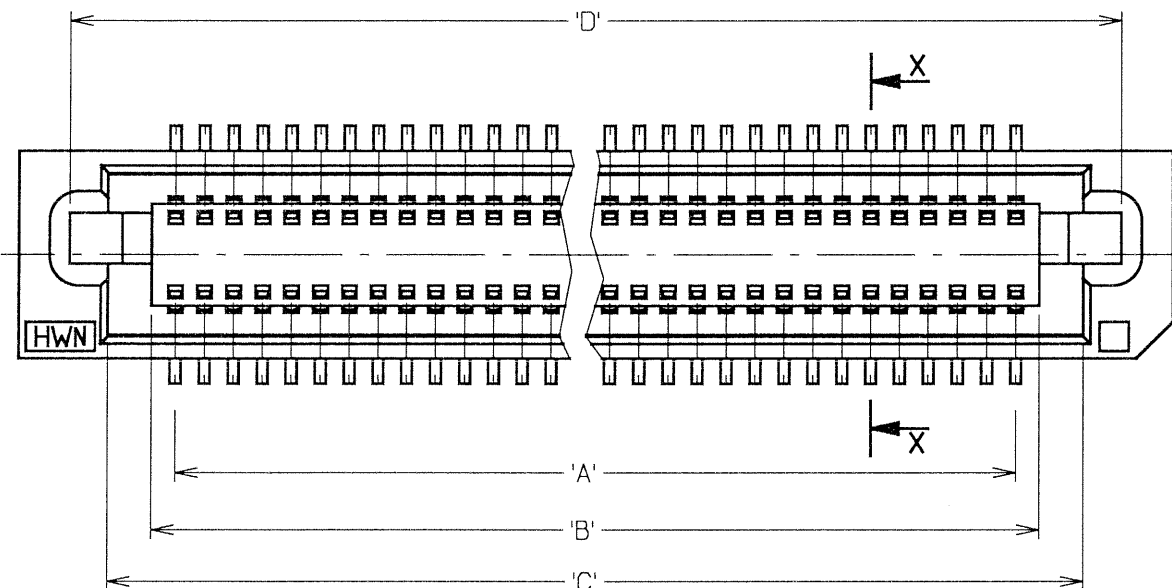
IF IN DOUBT - ASK

(C)

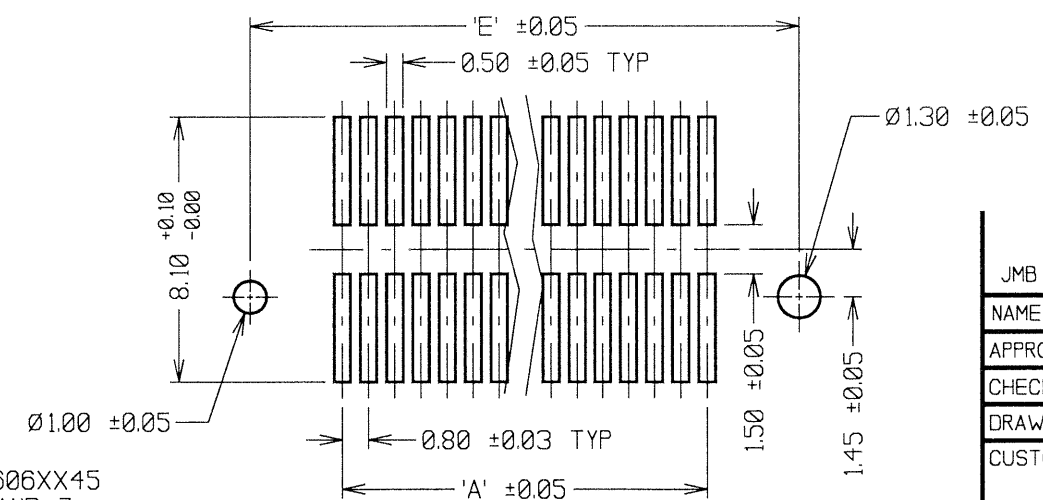
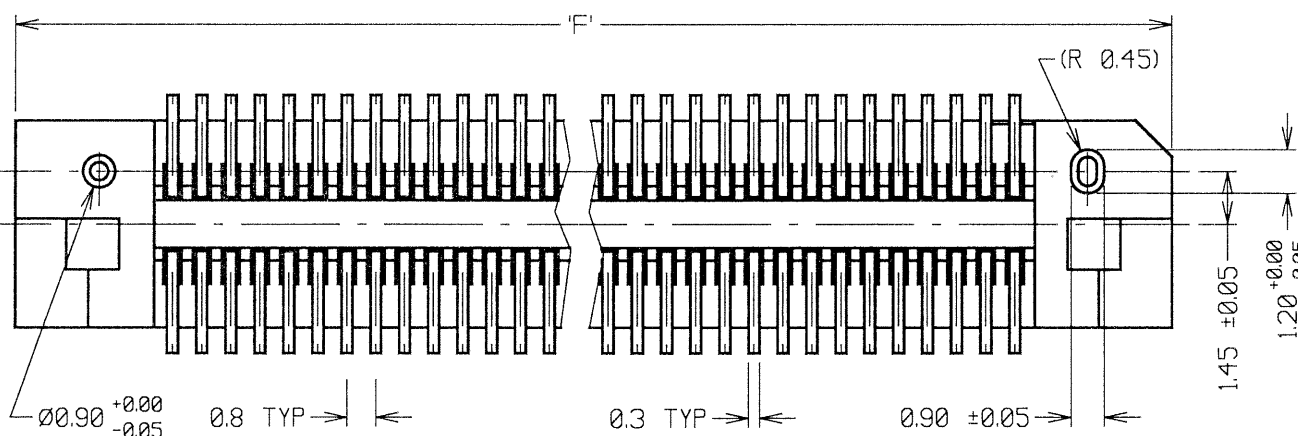
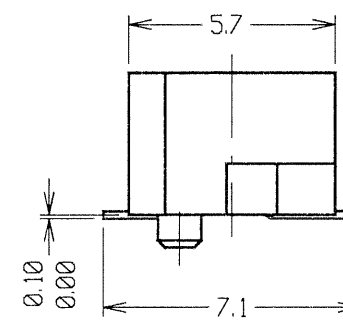
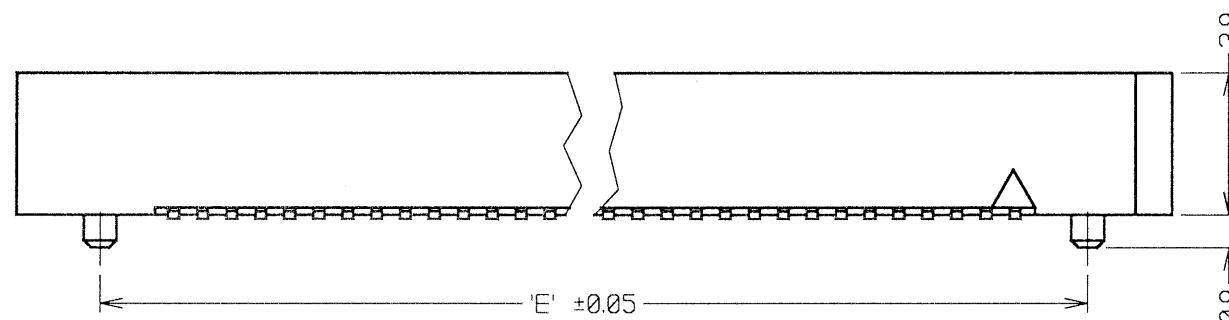
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION X-X



RECOMMENDED PAD LAYOUT

SPECIFICATIONS:

MATERIAL:

MOULDING = LCP, UL94V-0

CONTACTS = PHOSPHOR BRONZE

FINISH:

CONTACTS:

0.05µ MIN GOLD OVER 1.27µ MIN NICKEL

0.5µ MIN GOLD ON CONTACT AREA.

ELECTRICAL:

CURRENT RATING = 0.5 AMPS

VOLTAGE RATING = 100V AC

DIELECTRIC WITHSTANDING VOLTAGE = 300V AC (1 MINUTE)

INSULATION RESISTANCE = 1000 MEGOHMS MIN (250V DC)

CONTACT RESISTANCE = 40 MILLIOHMS MAX

MECHANICAL:

DURABILITY = 30 CYCLES

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +100°C

PACKING = TUBE

PART No.	No. OF CONTACTS	'A'	'B'	'C'	'D'	'E'	'F'
M60-6141045	10 + 10	7.2	8.5	10.9	13.0	11.2	15.8
M60-6141545	15 + 15	11.2	12.5	14.9	17.0	15.2	19.8
M60-6142045	20 + 20	15.2	16.5	18.9	21.0	19.2	23.8
M60-6142545	25 + 25	19.2	20.5	22.9	25.0	23.2	27.8
M60-6143045	30 + 30	23.2	24.5	26.9	29.0	27.2	31.8
M60-6144045	40 + 40	31.2	32.5	34.9	37.0	35.2	39.8
M60-6145045	50 + 50	39.2	40.5	42.9	45.0	43.2	47.8

NOTES.

- MATES WITH M60-604XX45, M60-605XX45 OR M60-606XX45 TO GIVE BOARD-TO-BOARD HEIGHTS OF 5mm, 6mm AND 7mm RESPECTIVELY.
- ALL TOLERANCES ± 0.30 UNLESS OTHERWISE STATED.

ORDER CODE:

M60-614XX45

No. OF CONTACTS

10, 15, 20, 25, 30, 40, 50

HARWIN

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

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TOLERANCES
X. = $\pm 1mm$
X.X = $\pm 0.25mm$
X.XX = $\pm 0.10mm$
X.XXX = $\pm 0.01mm$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

0.80mm PITCH SMT PLUG CONNECTOR (4mm HIGH)

DRAWING NUMBER:

M60-614XX45

SHT
2
OF
2

JMB	9	17.07.06	9324
NAME	ISS.	DATE	C/NOTE
APPROVED: J.B.			
CHECKED: B.K.			
DRAWN: WJ BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			