

Customer Information Sheet

DRAWING No. M60-614XX45

SHEET 2 OF 2

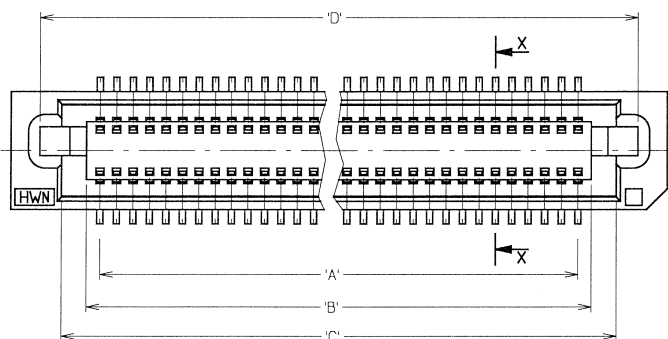
IF IN DOUBT - ASK

(C)

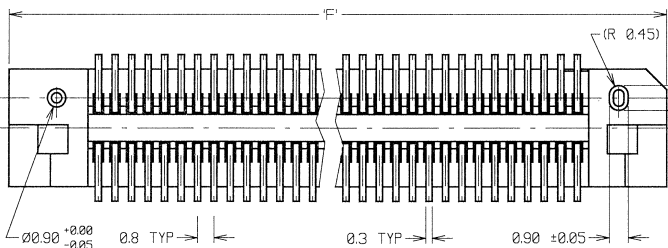
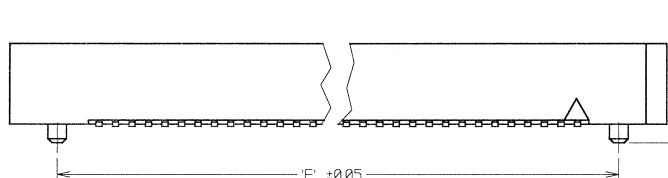
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION X-X



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

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FAX: 803 893 5386
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TOLERANCES
X.X. = $\pm 0.1mm$
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

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

SPECIFICATIONS:

MATERIAL:

MOULDING = LCP, UL94V-0
CONTACTS = PHOSPHOR BRONZE

FINISH:

CONTACTS:

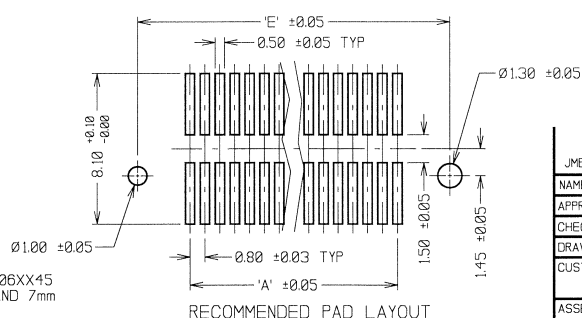
0.05µ MIN GOLD OVER 1.27µ MIN NICKEL
0.5µ MIN GOLD ON CONTACT AREA.

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



RECOMMENDED PAD LAYOUT

JMB	9	17/07/06	9324
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN:	WJ BOURNE		
CUSTOMER REF.			
ASSEMBLY DRG:			