



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Customer Information Sheet

DRAWING No.: M60-614XX45

SHEET 2 OF 2

IF IN DOUBT - ASK

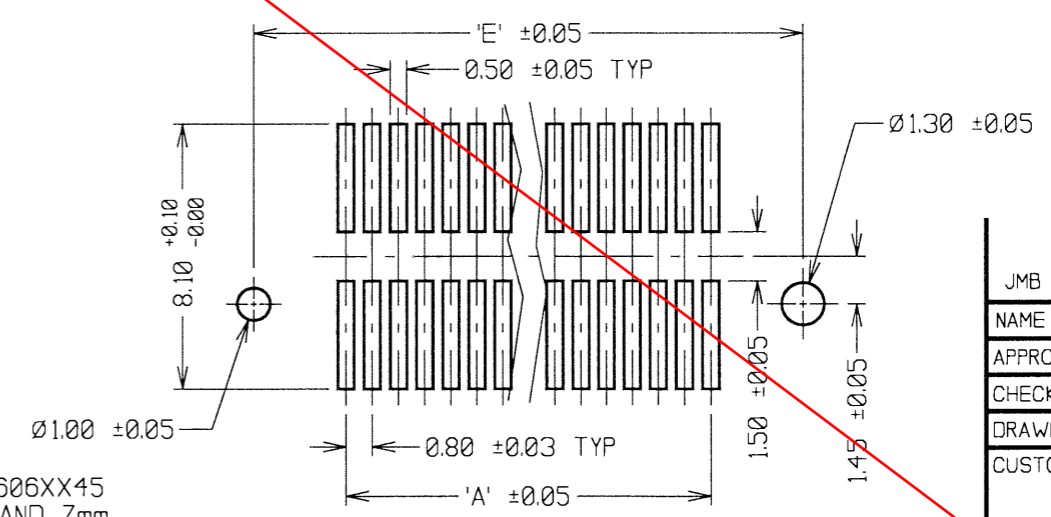
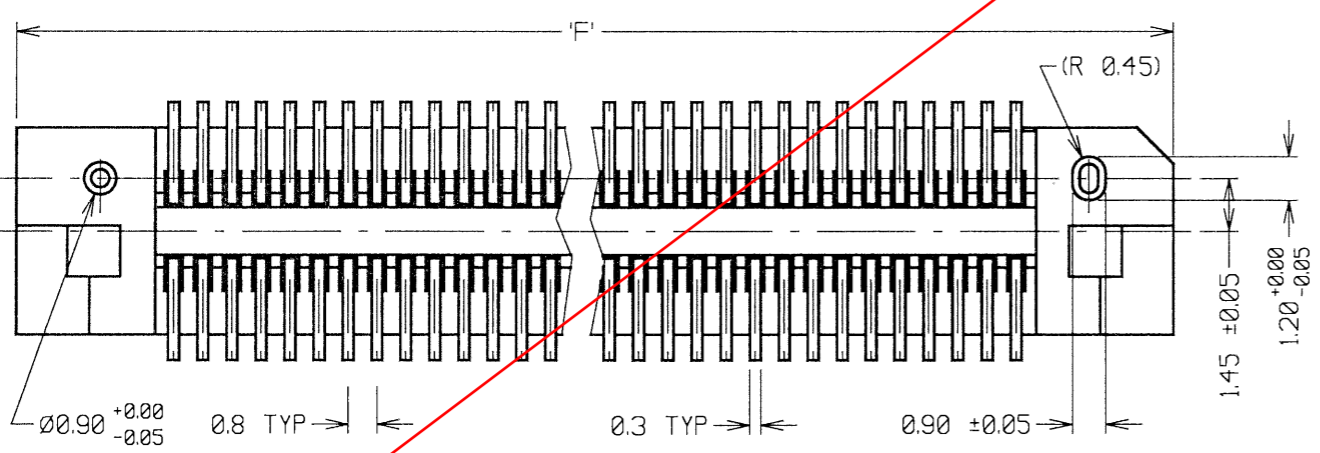
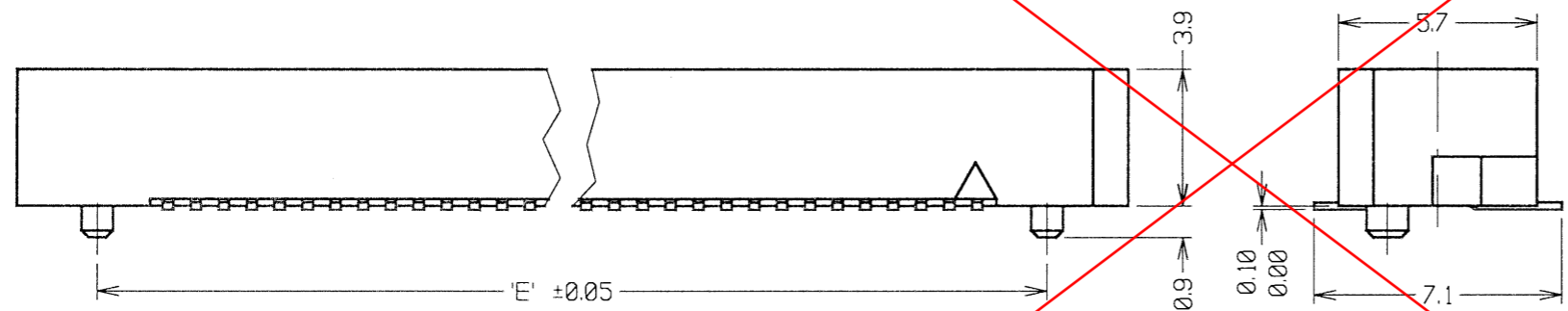
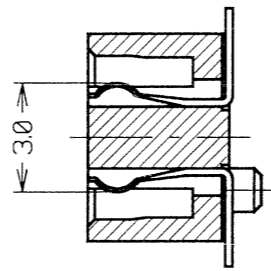
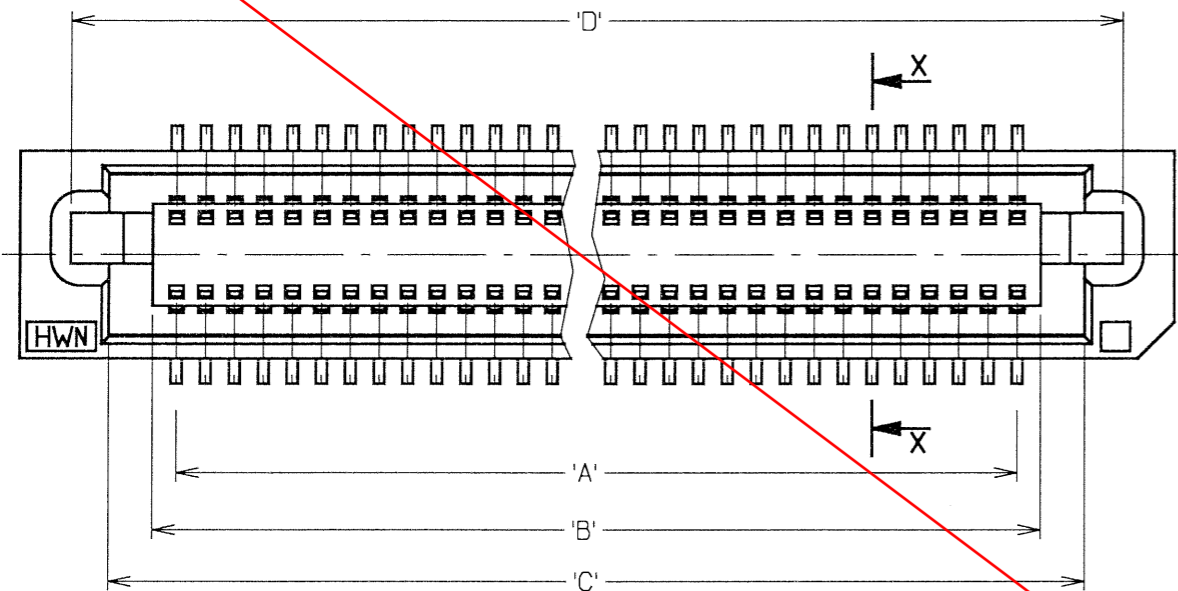
©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

OBSOLETE



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

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

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

TOLERANCES
X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

0.80mm PITCH SMT PLUG CONNECTOR (4mm HIGH)

DRAWING NUMBER:

M60-614XX45

JMB	9	17.07.06	9324
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: WJ BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

SHT 2 OF 2