

# Customer Information Sheet

DRAWING No.: BF-44XXX22

SHEET 2 OF 2

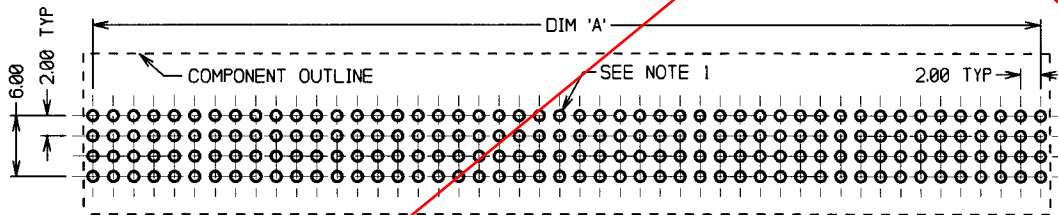
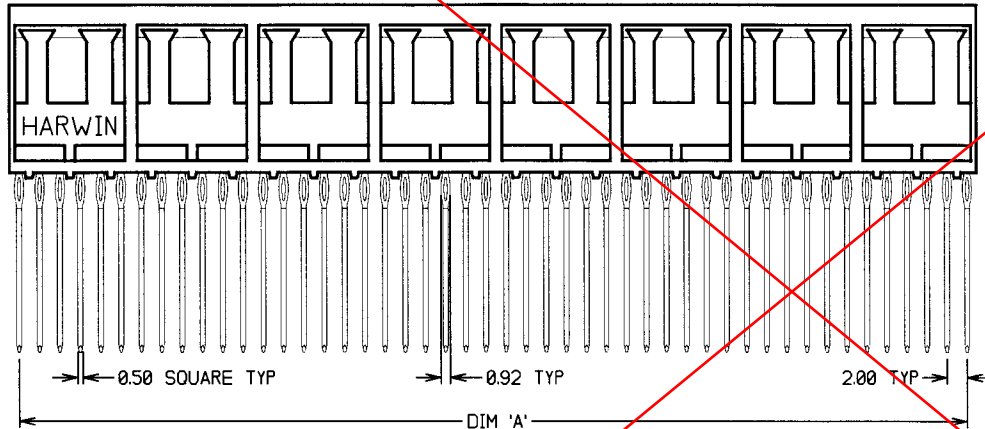
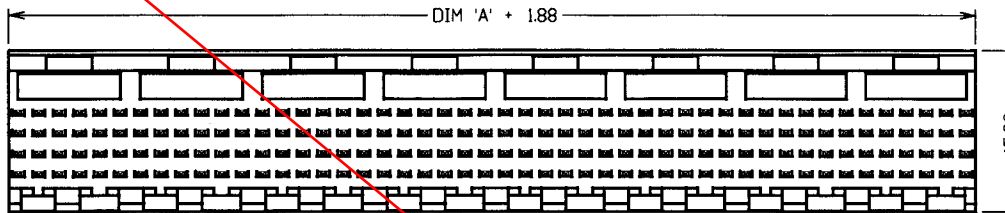
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

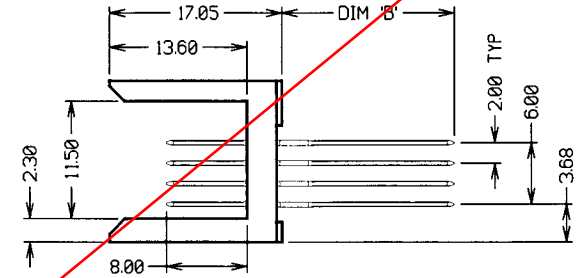


RECOMMENDED PCB HOLE LAYOUT

**NOTES:**

- PCB HOLES TO BE PLATED THROUGH HOLES.  
 DRILLED HOLE =  $\varnothing 0.69-0.72$ mm.  
 PLATING THICKNESSES = 25 $\mu$  MIN COPPER, 5-15 $\mu$  TIN.  
 FINAL PLATED HOLE =  $\varnothing 0.55-0.65$ mm.
- MATES WITH FEMALE CONNECTOR BF-450XX22.
- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C037XX (LATEST ISSUE).

**OBSOLETE**



PART No.	No. OF MODULES	No. OF CONTACTS	DIM 'A'	DIM 'B'
BF-4400622	1	24	10.00	4.25
BF-4401222	2	48	22.00	4.25
BF-4402422	4	96	46.00	4.25
BF-4404822	8	192	94.00	4.25
BF-4410622	1	24	10.00	14.90
BF-4411222	2	48	22.00	14.90
BF-4412422	4	96	46.00	14.90
BF-4414822	8	192	94.00	14.90
BF-4420622	1	24	10.00	17.00
BF-4421222	2	48	22.00	17.00
BF-4422422	4	96	46.00	17.00
BF-4424822	8	192	94.00	17.00

**SPECIFICATIONS:**

**MATERIALS:**

MOULDING = 30% GLASS-FILLED LCP,  
 UL94V-0, NATURAL

CONTACTS = PHOSPHOR BRONZE

**FINISH:**

CONTACTS = 0.76 $\mu$  GOLD ON CONTACT AREA,  
 1.27-2.54 $\mu$  TIN/LEAD ON TAILS

**ELECTRICAL:**

CURRENT RATING = 1 AMP  
 VOLTAGE RATING = 30V AC  
 DIELECTRIC STRENGTH  
 = 1,000V AC FOR 1 MINUTE  
 CONTACT RESISTANCE  
 = 45 MILLIOHMS MAX  
 INSULATION RESISTANCE  
 = 100 MEGOHMS MIN

**MECHANICAL:**

DURABILITY = 250 OPERATIONS  
 PRESS-FIT INSERTION FORCE  
 = 50N MAX PER CONTACT

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +125°C

**PACKING:**

TUBE

WJB	1	05.03.02	----
NAME	ISS.	DATE	C/NOTE
APPROVED:	<i>[Signature]</i>		
CHECKED:	<i>[Signature]</i>		
DRAWN	W. J. BOURNE		
CUSTOMER REF.:			
ASSEMBLY DRG:			

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HARWIN INC U.S.A. TEL: (812) 285 0055 FAX: (812) 285 0056	HARWIN PLC U.K. TEL: 023 9237 0451 FAX: 023 9231 4590	HARWIN PTE SINGAPORE TEL: 65 7794969 FAX: 65 7793868				