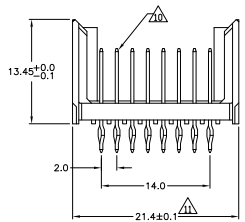
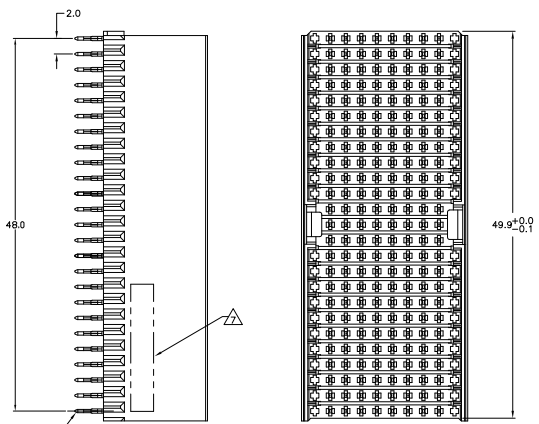


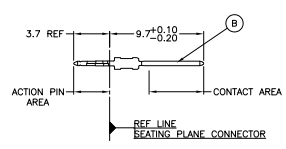
THIS DRAWING IS UNPUBLISHED. ALL RIGHTS RESERVED.
 © 2008 BY TYS ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

REV	DATE	DESCRIPTION	BY	CHK	APP
D	REV PER EC 0512-0303-05		04MPRO6	BC	GS
D1	REVISED PER ECO-09-022908		060CT09	KK	AEG
E	ECO-10-018652		1002P10	JS	MON

**CONNECTOR ASSEMBLY
EXAMPLARY LOADED**



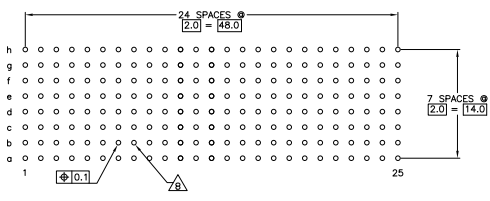
CONTACT DIMENSIONS
SCALE 5:1



CONTACT LAYOUT

	z	a	b	c	d	e	f	g	h	i
1	B	B	B	B	B	B	B	B	B	B
2	B	B	B	B	B	B	B	B	B	B
3	B	B	B	B	B	B	B	B	B	B
4	B	B	B	B	B	B	B	B	B	B
5	B	B	B	B	B	B	B	B	B	B
6	B	B	B	B	B	B	B	B	B	B
7	B	B	B	B	B	B	B	B	B	B
8	B	B	B	B	B	B	B	B	B	B
9	B	B	B	B	B	B	B	B	B	B
10	B	B	B	B	B	B	B	B	B	B
11	B	B	B	B	B	B	B	B	B	B
12	B	B	B	B	B	B	B	B	B	B
13	B	B	B	B	B	B	B	B	B	B
14	B	B	B	B	B	B	B	B	B	B
15	B	B	B	B	B	B	B	B	B	B
16	B	B	B	B	B	B	B	B	B	B
17	B	B	B	B	B	B	B	B	B	B
18	B	B	B	B	B	B	B	B	B	B
19	B	B	B	B	B	B	B	B	B	B
20	B	B	B	B	B	B	B	B	B	B
21	B	B	B	B	B	B	B	B	B	B
22	B	B	B	B	B	B	B	B	B	B
23	B	B	B	B	B	B	B	B	B	B
24	B	B	B	B	B	B	B	B	B	B
25	B	B	B	B	B	B	B	B	B	B

**RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN**



PLATED THRU HOLES PARAMETERS
REFERENCE APPLICATION SPECIFICATION

△	1-646774-9
△	646774-9
△	646774-4
△	646774-1
△	OBsolete
△	FINISH
△	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DESIGNED BY	REVISION	DATE	BY	DATE	BY	DATE	BY	DATE
DRAWN BY		108-1622	114-19029	100779	114-19029	100779	114-19029	100779	114-19029	100779
CHECKED BY		108-1622	114-19029	100779	114-19029	100779	114-19029	100779	114-19029	100779
APPROVED BY		108-1622	114-19029	100779	114-19029	100779	114-19029	100779	114-19029	100779
CUSTOMER DRAWING		114-19029	100779	114-19029	100779	114-19029	100779	114-19029	100779	114-19029

THIS DRAWING IS UNPUBLISHED. REVISIONS FOR VARIATION. ALL RIGHTS RESERVED.

REV	DATE	DESCRIPTION	BY	APP
00				
01		SEE SHEET 1		

- △ MATERIAL:
CONTACT: PHOSPHOR BRONZE.
HOUSING: GLASS-FILLED POLYESTER.
- △ GENERAL PLATING SPECIFICATION: UNDERPLATING
(ENTIRE CONTACT); 1.27µm MIN NICKEL AND ACTION
FIN: 0.5µm MIN TIN/LEAD.
FOR PLATING OF MATING SURFACES SEE APPLICABLE
SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
- △ CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101
PERFORMANCE LEVEL 2.
- △ CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101
PERFORMANCE LEVEL 1.
- △ CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,
CENTRAL OFFICE APPLICATIONS.
- △ CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,
UNCONTROLLED ENVIRONMENT APPLICATIONS.
- △ CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.
ADDITIONAL CHARACTERS OR MARKINGS, AS WELL AS THE LOCATION OF THE MARKINGS,
MAY BE ADDED FOR TRACEABILITY BASED UPON MANUFACTURERS DISCRETION.
- △ PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID
PATTERN DEFINED BY CONTACT LAYOUT.
- △ FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".
- △ FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".
- △ TO BE MEASURED AT BOTTOM OF SHROUD.
- △ CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
- △ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV. 00	DATE	11/05/2008	BY	SKUPPER	APP	SKUPPER	DATE	11/05/2008	BY	SKUPPER	APP	SKUPPER	DATE	11/05/2008		
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER		
DESCRIPTION		MALE ASSEMBLY, 2-PACK 2mm HM, TYPE D/E		REV. 00		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE		11/05/2008	
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER	APP		SKUPPER	DATE	11/05/2008
DRAWING NO.		108-1622		REV. 00		114-19029		DATE		11/05/2008	BY		SKUPPER					