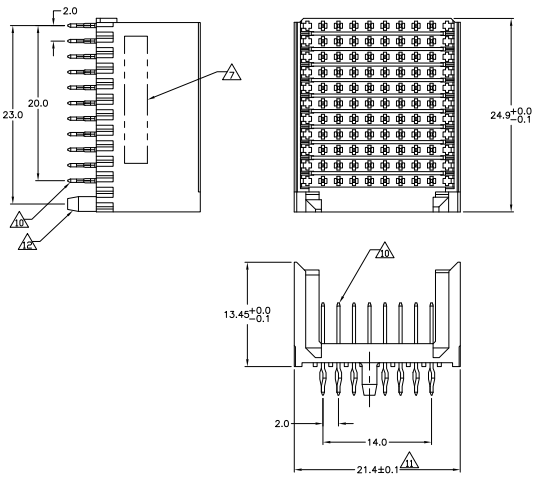


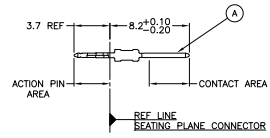
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REVISES		DATE	BY	APP
E1	REV PER ECR-10-000662	18JAN2010	JY	SY
F	ECR-10-018652	10SEP10	JS	MQW

**CONNECTOR ASSEMBLY
 EXAMPLARY LOADED**



CONTACT DIMENSIONS
 SCALE 5:1

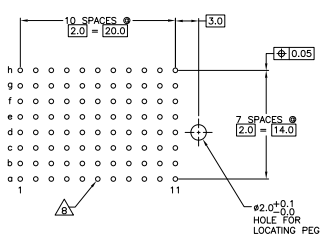


CONTACT LAYOUT

	z	a	b	c	d	e	f	g	h	i
1	A	A	A	A	A	A	A	A	A	A
2	A	A	A	A	A	A	A	A	A	A
3	A	A	A	A	A	A	A	A	A	A
4	A	A	A	A	A	A	A	A	A	A
5	A	A	A	A	A	A	A	A	A	A
6	A	A	A	A	A	A	A	A	A	A
7	A	A	A	A	A	A	A	A	A	A
8	A	A	A	A	A	A	A	A	A	A
9	A	A	A	A	A	A	A	A	A	A
10	A	A	A	A	A	A	A	A	A	A
11	A	A	A	A	A	A	A	A	A	A

GUIDING

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



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

△	3-646457-0
△	1-646457-9
△	646457-9
△	646457-4
△	646457-1
△	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT		BY: BULTMAN	DATE: 10/20/08	APP: Tyco Electronics Corporation	DATE: 11/10/08	DESCRIPTION: MALE ASSEMBLY, 2-PACK 2mm HM, TYPE F
DESIGNED BY: J. SCHUPPER	DATE: 10/20/08	APP: J. SCHUPPER	DATE: 10/20/08	REV: 1	REV: 1	REV: 1
ISSUED BY: J. SCHUPPER	DATE: 10/20/08	APP: J. SCHUPPER	DATE: 10/20/08	REV: 1	REV: 1	REV: 1
ISSUED BY: J. SCHUPPER	DATE: 10/20/08	APP: J. SCHUPPER	DATE: 10/20/08	REV: 1	REV: 1	REV: 1
ISSUED BY: J. SCHUPPER	DATE: 10/20/08	APP: J. SCHUPPER	DATE: 10/20/08	REV: 1	REV: 1	REV: 1
ISSUED BY: J. SCHUPPER	DATE: 10/20/08	APP: J. SCHUPPER	DATE: 10/20/08	REV: 1	REV: 1	REV: 1
ISSUED BY: J. SCHUPPER	DATE: 10/20/08	APP: J. SCHUPPER	DATE: 10/20/08	REV: 1	REV: 1	REV: 1
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ISSUED BY: J. SCHUPPER	DATE: 10/20/08	APP: J. SCHUPPER	DATE: 10/20/08	REV: 1	REV: 1	REV: 1
ISSUED BY: J. SCHUPPER	DATE: 10/20/08	APP: J. SCHUPPER	DATE: 10/20/08	REV: 1	REV: 1	REV: 1

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REVISE		REVISIONS		
NO.	DATE	DESCRIPTION	BY	APP'D
AD	00	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.
- △ LOCATION PEG.
- △ CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
- △ 0.76µm MIN GOLD PLATING AT MATING SURFACES.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DESIGNED BY: T. WILDMAN	DATE: 11/08/02	TEL Type Electronics Telcord Technologies Corporation Harrisburg, Pa 17105-3608	
DRAWN BY: SEE SHEET 1	CHECKED BY: SEE SHEET 1	DESIGNED BY: J. SKUPPER	DATE: 11/08/02	TEL Type Electronics Telcord Technologies Corporation Harrisburg, Pa 17105-3608	
PART NO: 114-19029		REV: 108-19082		TITLE: MALE ASSEMBLY, 2-PACK 2mm HM, TYPE F	
CUSTOMER DRAWING		SIZE: A1	DATE ISSUED: 11/08/02	DRAWN NO: 00779	REVISED TO: G-646457
		FORM: 4-1	SHEET: 2	TOTAL SHEETS: 2	REV: F