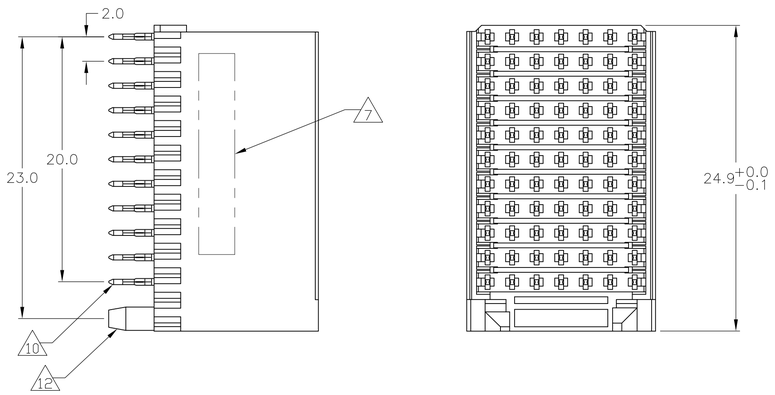
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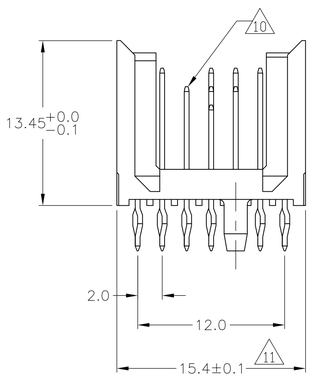
LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	O	RELEASED	10NOV05	BC	GS
	A	ECR-10-019054	15SEP10	DP	MQW

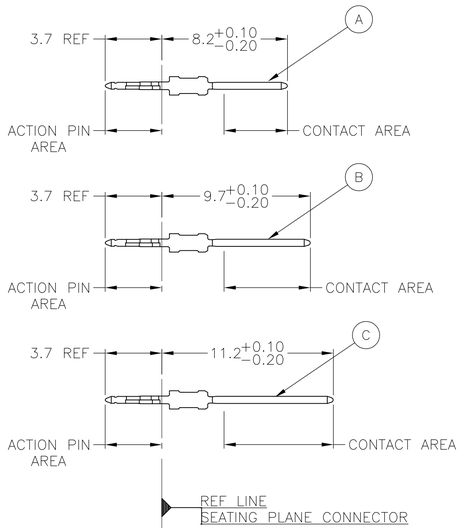
CONNECTOR ASSEMBLY EXAMPLARY LOADED (9)





CONTACT DIMENSIONS

SCALE 5:1

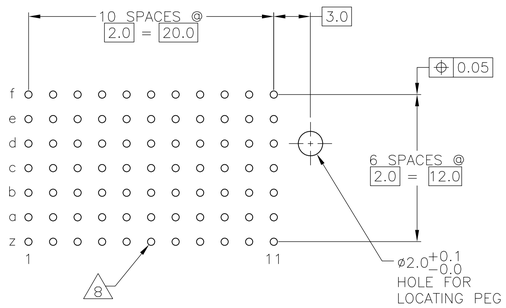


CONTACT LAYOUT

	z	a	b	c	d	e	f
1	C	B	B	B	B	B	C
2	C	B	B	B	B	B	C
3	C	B	B	B	B	B	C
4	C	B	B	B	B	B	C
5	C	B	B	B	B	B	C
6	C	B	B	B	B	B	C
7	C	B	B	B	B	B	C
8	C	B	B	B	B	B	C
9	C	B	B	C	B	B	C
10	C	B	B	B	C	B	C
11	C	C	B	A	B	C	C

GUIDING

RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

2 3	6392174-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± —
1 PLC ± 0.2
2 PLC ± 0.02 ±0.2
3 PLC ± 0.005
4 PLC ± —
ANGLES ± 0°30'

MATERIAL (1)

FINISH: SEE TABLE

DWN	B.CARBO	10NOV05
CHK	G.SKIPPER	10NOV05
APVD	G.SKIPPER	10NOV05
PRODUCT SPEC	108-19082	
APPLICATION SPEC	114-19029	
WEIGHT	—	

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME: MALE ASSEMBLY, Z-PACK 2mm HM, TYPE C

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6392174	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV A

AMP 4805 REV 31MAR2000

10NOV05 2:16pm US040973 H:\2mm HM templates for lead free\LEAD FREE C FEED TO 5+2-c.dwg

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LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	–	—	—

1. MATERIAL:
   CONTACT: PHOSPHOR BRONZE.
   HOUSING: GLASS-FILLED POLYESTER.

2. GENERAL PLATING SPECIFICATION: UNDERPLATING
(ENTIRE CONTACT): 1.27µm MIN NICKEL AND ACTION
PIN: 0.5µm MIN TIN.
FOR PLATING OF MATING SURFACES SEE APPLICABLE
SPECIFICATION REFERENCE FOR EACH DASH NUMBER.

3. CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101
PERFORMANCE LEVEL 2.

4. CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101
PERFORMANCE LEVEL 1.

5. CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,
CENTRAL OFFICE APPLICATIONS.

6. CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,
UNCONTROLLED ENVIROMENT APPLICATIONS.

7. 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.

8. PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID
PATTERN DEFINED BY CONTACT LAYOUT.

9. FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".

10. FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".

11. TO BE MEASURED AT BOTTOM OF SHROUD.

12. LOCATION PEG.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± —
1 PLC ± 0.2
2 PLC ± 0.02
3 PLC ± 0.005
4 PLC ± —
ANGLES ± 0°30' ±0.2

MATERIAL: SEE SHEET 1
FINISH: SEE SHEET 1

DWN	B.CARBO	10NOV05
CHK	G.SKIPPER	10NOV05
APVD	G.SKIPPER	10NOV05

PRODUCT SPEC: 108-19082
APPLICATION SPEC: 114-19029
WEIGHT: –

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NAME: MALE ASSEMBLY, Z-PACK 2mm HM, TYPE C

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6392174	—

CUSTOMER DRAWING

SCALE	SHEET	REV
4:1	2 OF 2	A