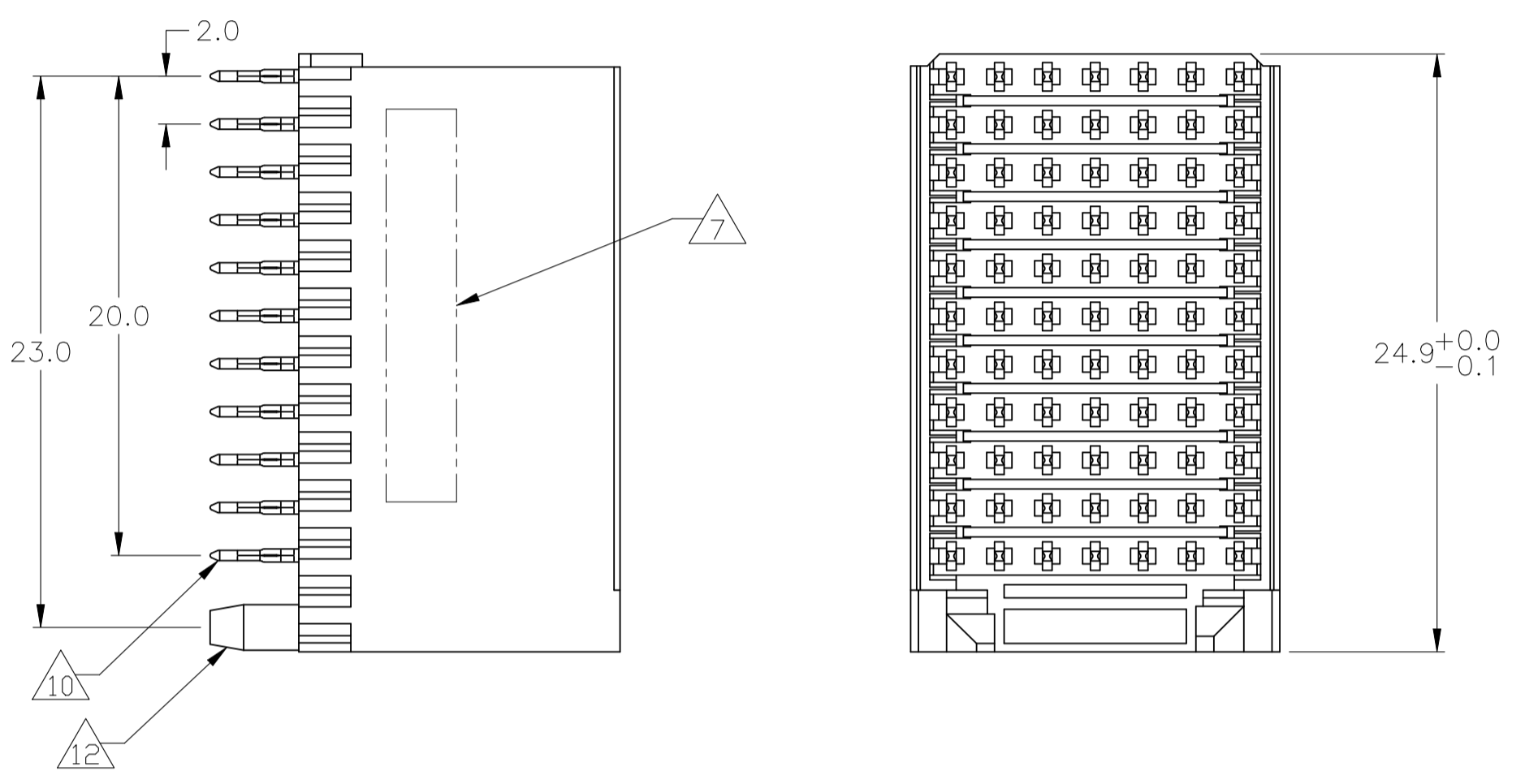
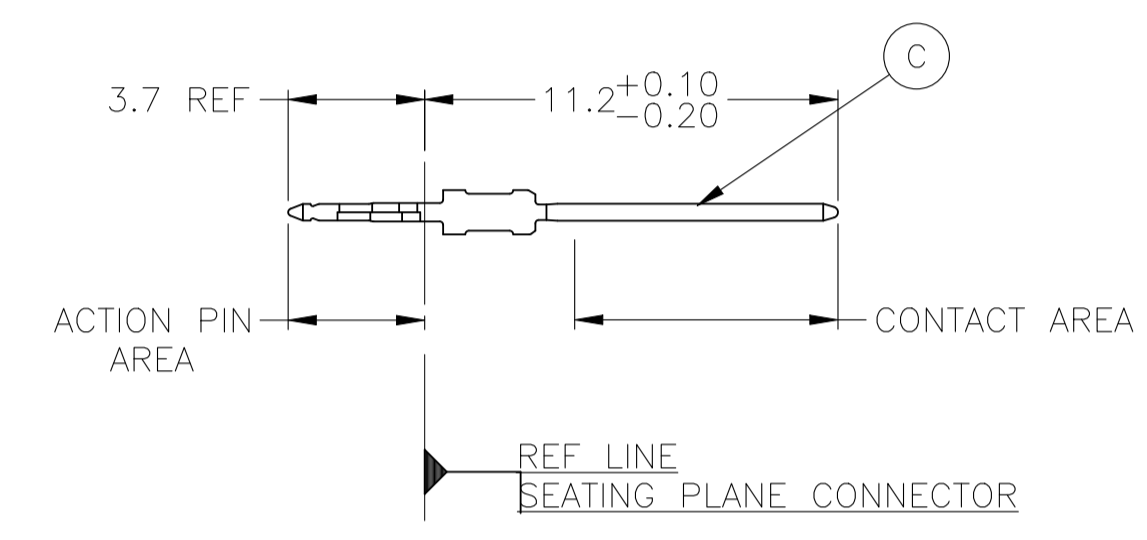
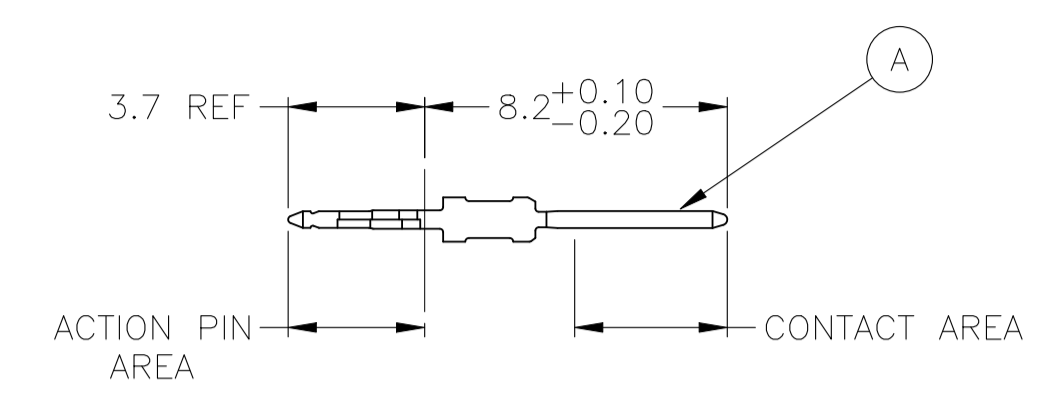


REVISIONS					
P	LTR	DESCRIPTION	DATE	OWN	APVD
D2		ALTERNATIVE PLATING ADDED PER PCN-25-253811	25JUL2025	TNN	JM

**CONNECTOR ASSEMBLY
EXAMPLARY LOADED** 

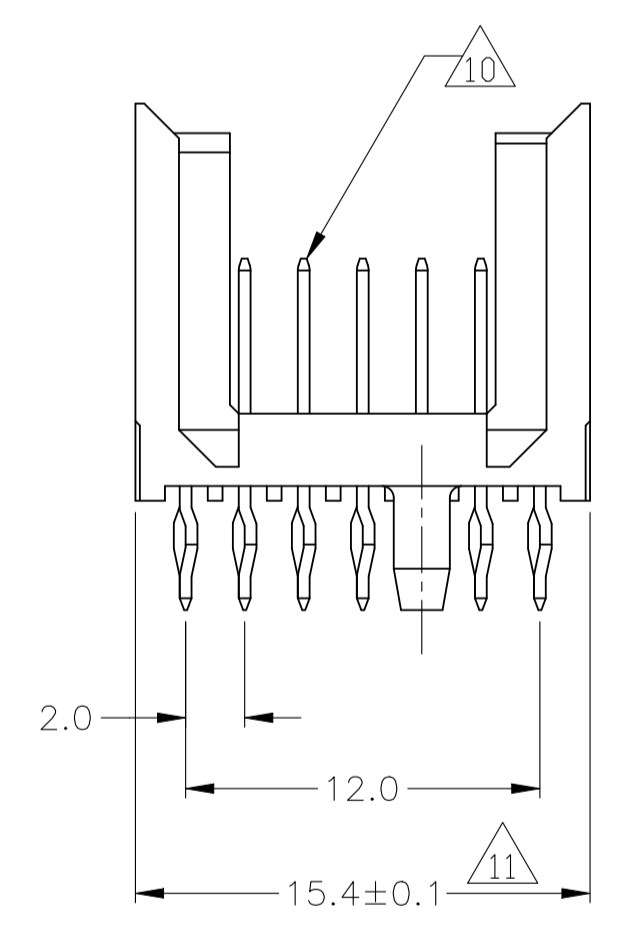


CONTACT DIMENSIONS
SCALE 5:1

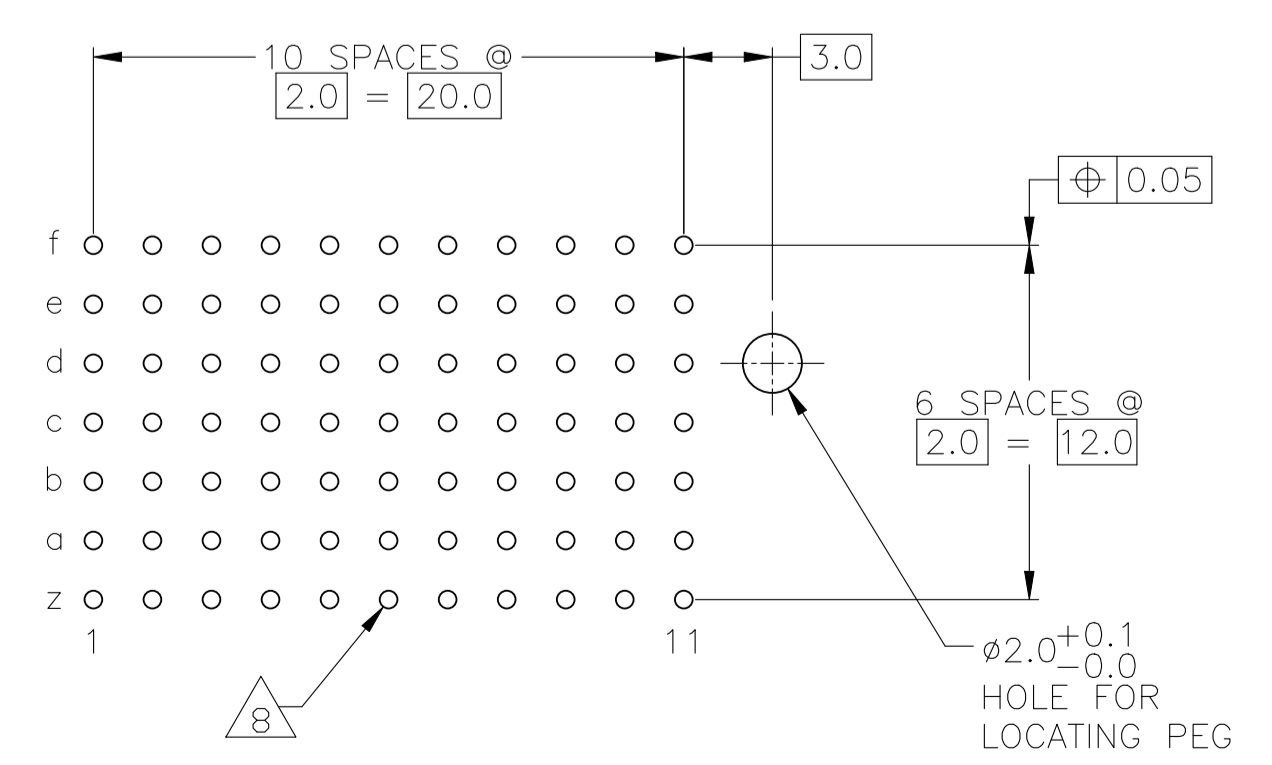


CONTACT LAYOUT


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



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




PLATED THRU HOLES PARAMETERS
REFERENCE APPLICATION SPECIFICATION


FINISH	PART NUMBER
	3-5106081-0
	1-5106081-9
	5106081-9
	5106081-4
	5106081-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLG ± 0.2 1-PLG ± 0.2 2-PLG ± 0.02 3-PLG ± 0.005 4-PLG ± 0.005 ANGLES ± 0.30°	DWN: B. CARBO 24JAN05 CHK: G. SKIPPER 24JAN05 APVD: G. SKIPPER 24JAN05 NAME: G. SKIPPER PRODUCT SPEC: 108-19082 APPLICATION SPEC: 114-19029 WEIGHT: - CUSTOMER DRAWING	DWN: B. CARBO 24JAN05 CHK: G. SKIPPER 24JAN05 APVD: G. SKIPPER 24JAN05 NAME: G. SKIPPER PRODUCT SPEC: 108-19082 APPLICATION SPEC: 114-19029 WEIGHT: - CUSTOMER DRAWING	TE Connectivity Ltd. MALE ASSEMBLY, Z-PACK 2mm HM, TYPE C SIZE: A1 CAGE CODE: 00779 DRAWING NO: 5106081 SCALE: 4:1 SHEET: 1 of 2 REV: D2
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REVISIONS				
P	LTR	DESCRIPTION	DATE	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.
- 13 CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
- 14 0.76µm MIN GOLD PLATING OR 0.08µm MIN GOLD OVER 0.68µm MIN PdNi PLATING ON MATING SURFACES 

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. CARBO 24JAN05 CHK G. SKIPPER 24JAN05 APVD G. SKIPPER 24JAN05	 TE Connectivity Ltd.	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLG ± 0.2 1-PLG ± 0.2 2-PLG ± 0.02 ± 0.2 3-PLG ± 0.005 4-PLG ± 0.005 ANGLES ± 0.30°	NAME G. SKIPPER PRODUCT SPEC 108-19082 APPLICATION SPEC 114-19029	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE C	
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT -	SIZE A1	CAGE CODE 00779
CUSTOMER DRAWING		DRAWING NO 5106081	RESTRICTED TO -	SCALE 4:1
		SHEET 2	OF 2	REV D2