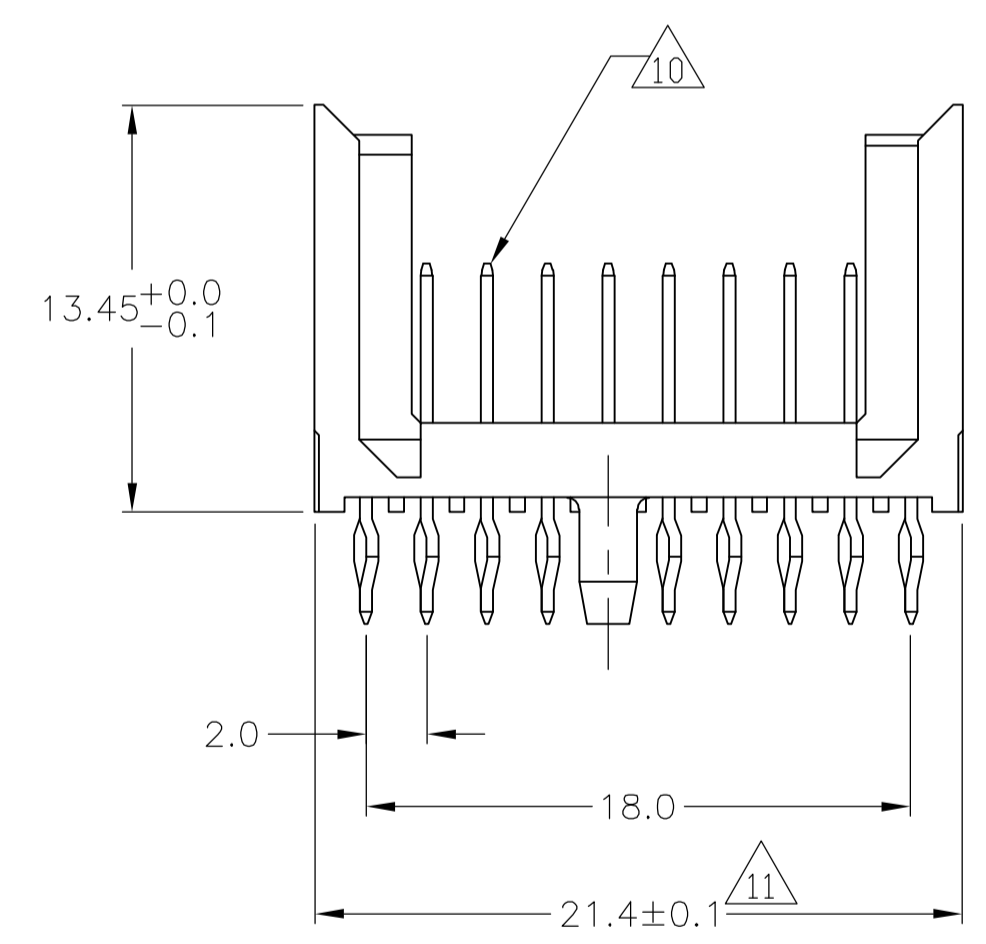
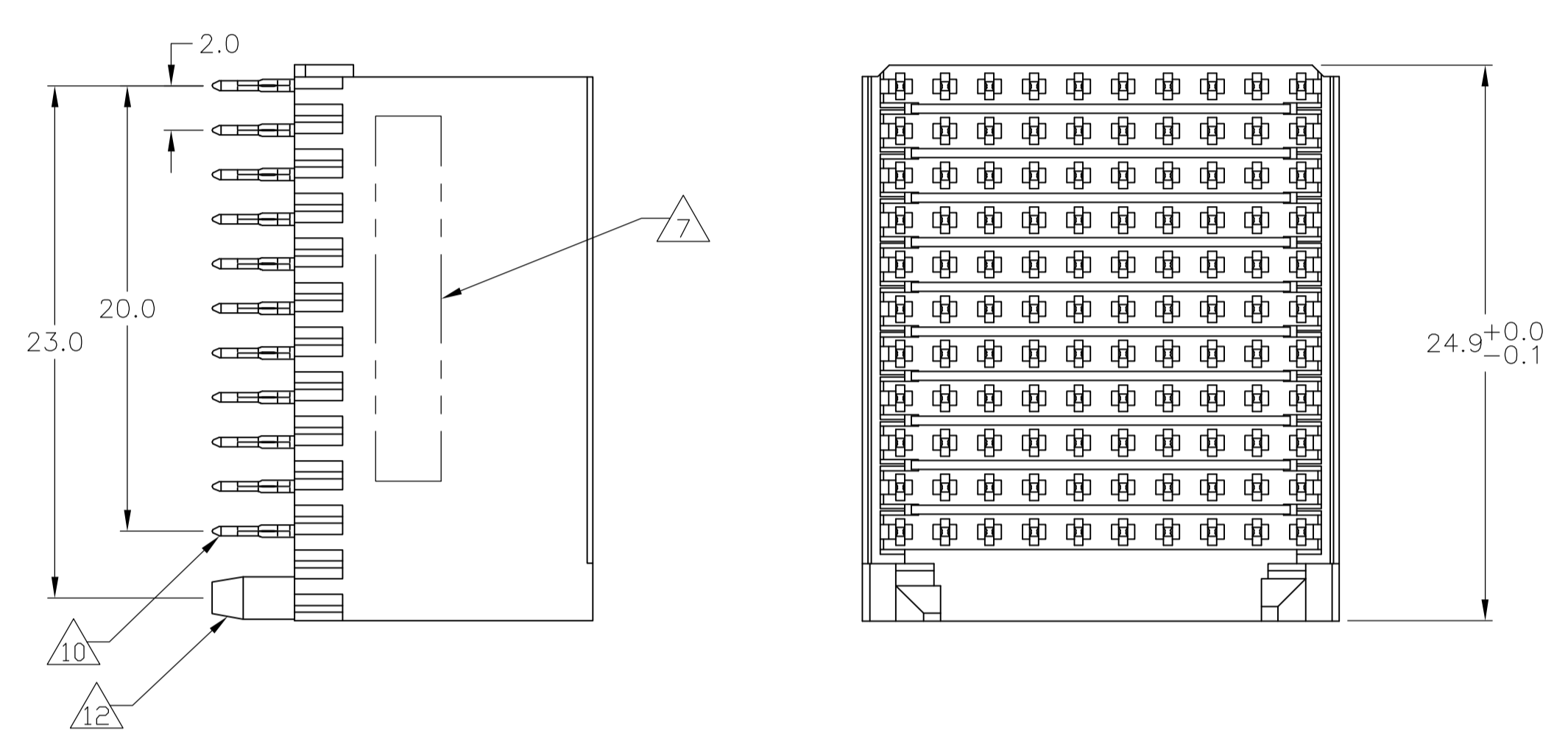
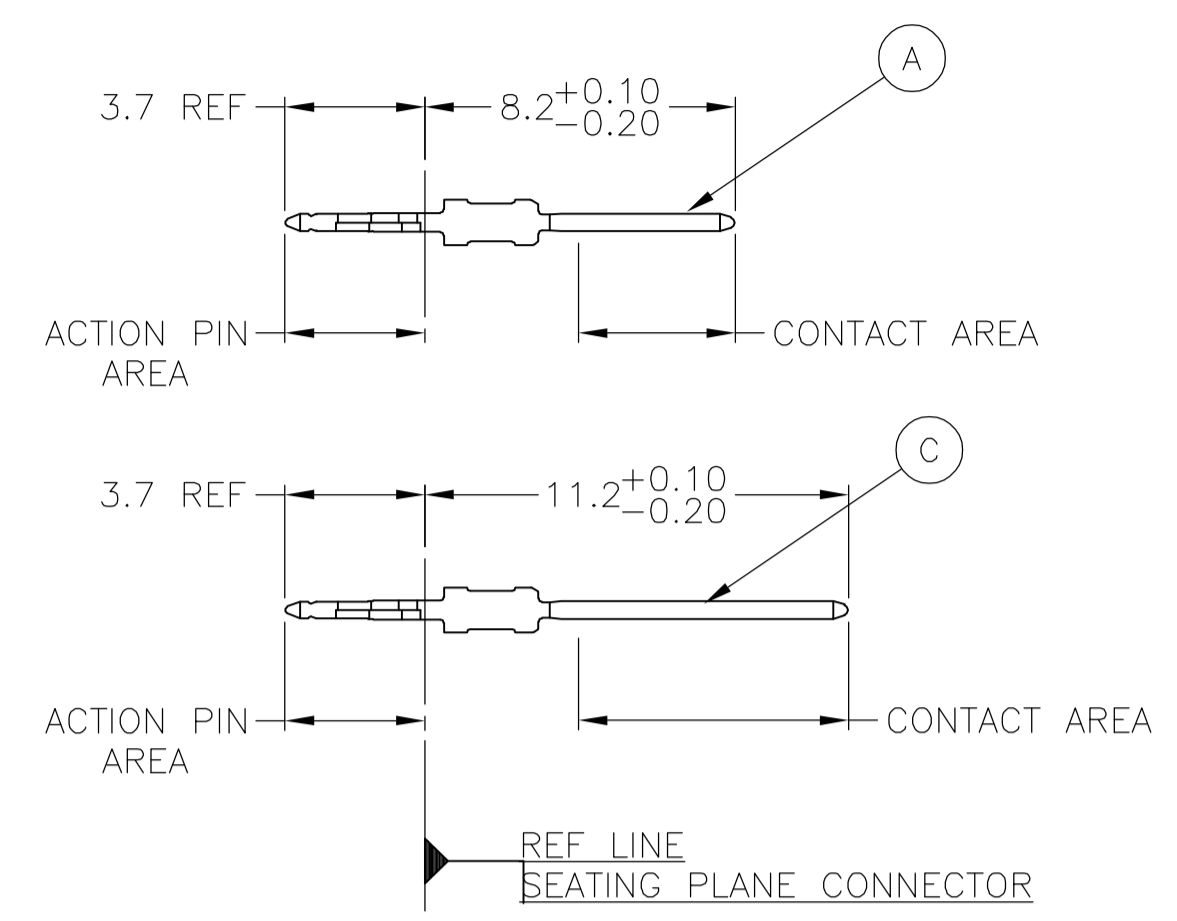


CONNECTOR ASSEMBLY EXAMPLARY LOADED

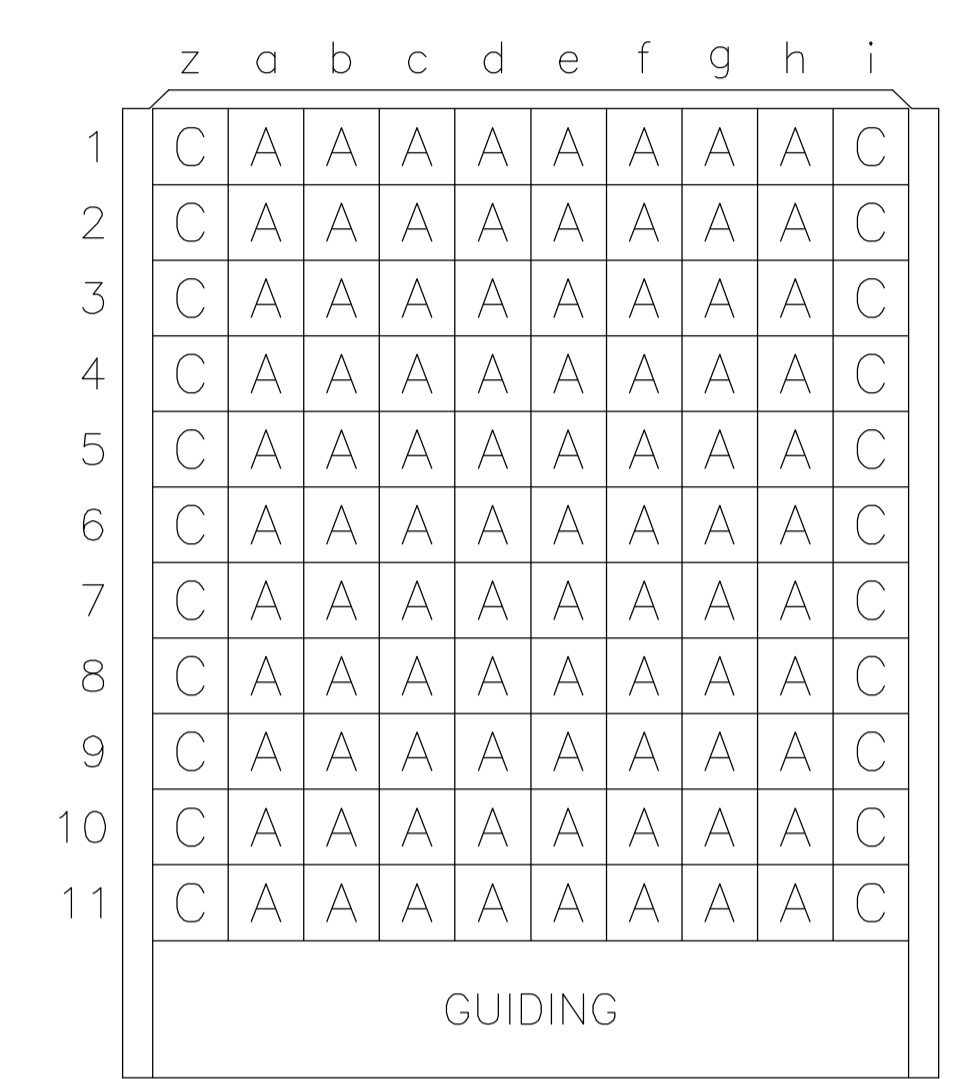


CONTACT DIMENSIONS

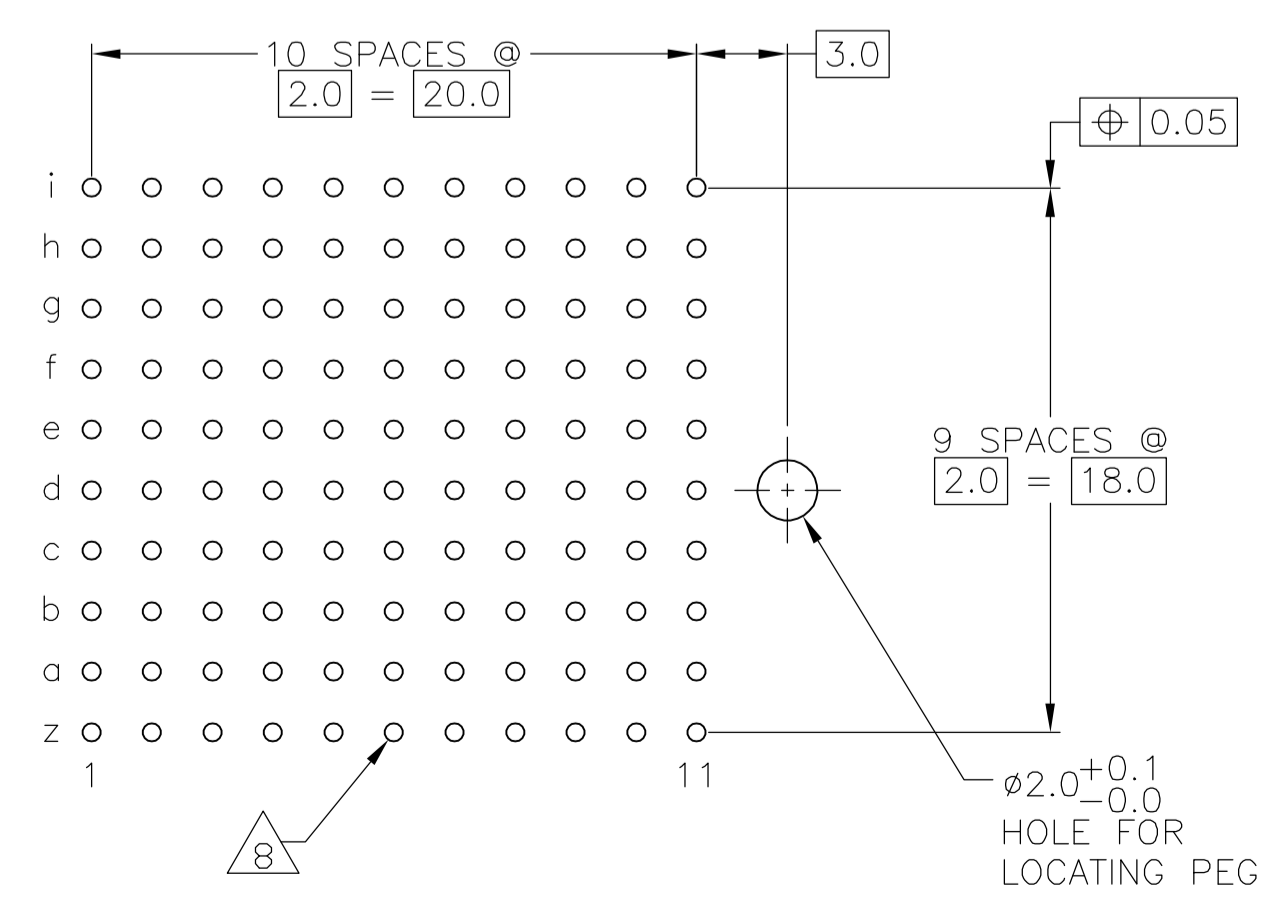
SCALE 5:1



CONTACT LAYOUT



RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

	1-5646513-9
	5646513-9
	5646513-4
	5646513-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN S. WAITMAN 14JUL05		Tyco Electronics Corporation	
DIMENSIONS: mm		CHK G. SKIPPER 14JUL05		Harrisburg, Pa 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G. SKIPPER 14JUL05		NAME	
0 PLC ± -		PRODUCT SPEC		MALE ASSEMBLY, Z-PACK 2mm HM, TYPE F	
1 PLC ± 0.2		APPLICATION SPEC		108-19082	
2 PLC ± 0.02		WEIGHT		114-19029	
3 PLC ± 0.005		MATERIAL		A1 00779 C=5646513	
4 PLC ± ± 0.30°		FINISH		SEE TABLE	
MATERIAL		CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 2 REV A	

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
AD	00	REV	DATE	BY	APP'D
		1			
		2			
		3			
		4			
		5			
		6			
		7			
		8			
		9			
		10			
		11			
		12			
		13			

- 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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG S. WAITMAN	14JUL05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CHK G. SKIPPER	APVD G. SKIPPER	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE F	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.2 2 PLC ± 0.02 3 PLC ± 0.005 4 PLC ± ± 0.30° ANGLES		PRODUCT SPEC 108-19082		APPLICATION SPEC 114-19029	
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT -	SIZE A1	CAGE CODE 00779	DRAWING NO 5646513
CUSTOMER DRAWING			SCALE 4:1	SHEET 2 OF 2	REV A