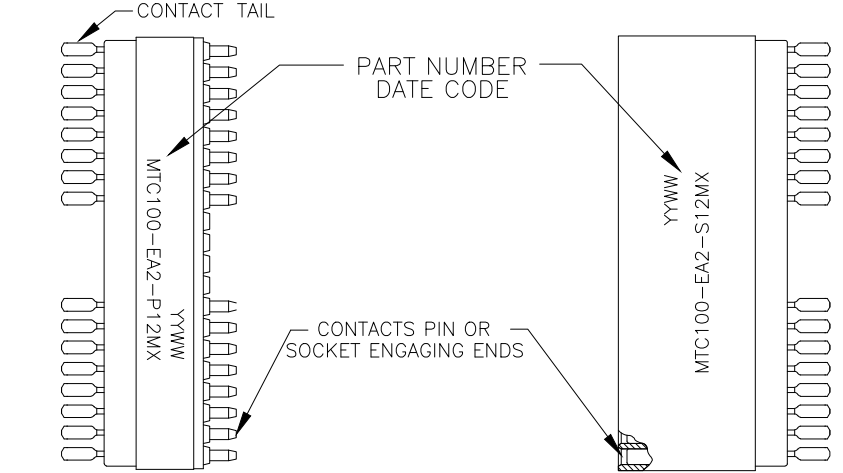
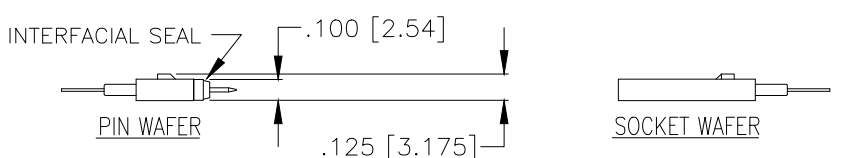
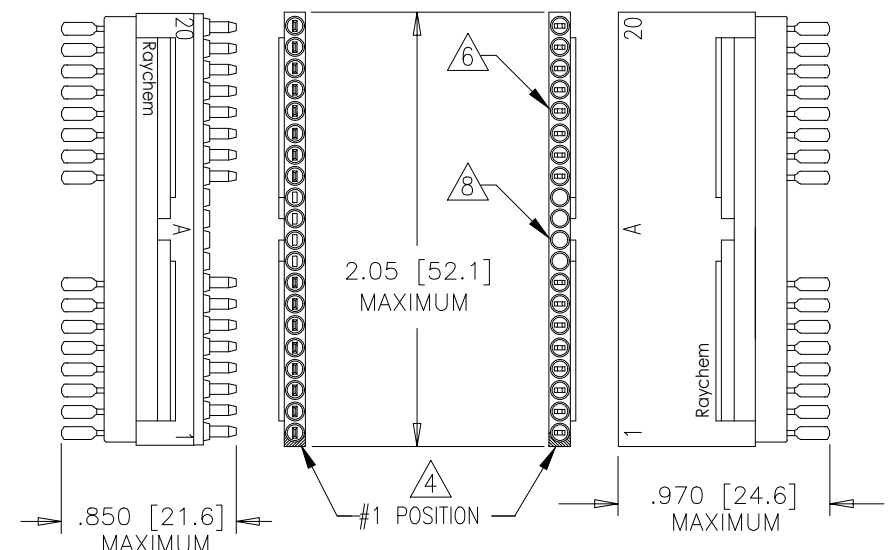


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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	PER ECO-10-015431	JULY/27/2010	M. HIGGY
B	PER ECO-11-004127	Feb/24/2011	M. HIGGY
C	REVISED PER ECO-19-014113	Sep/12/2019	A.SOLIS

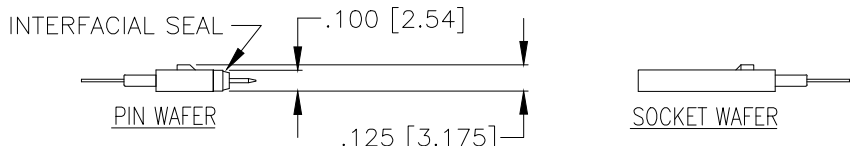
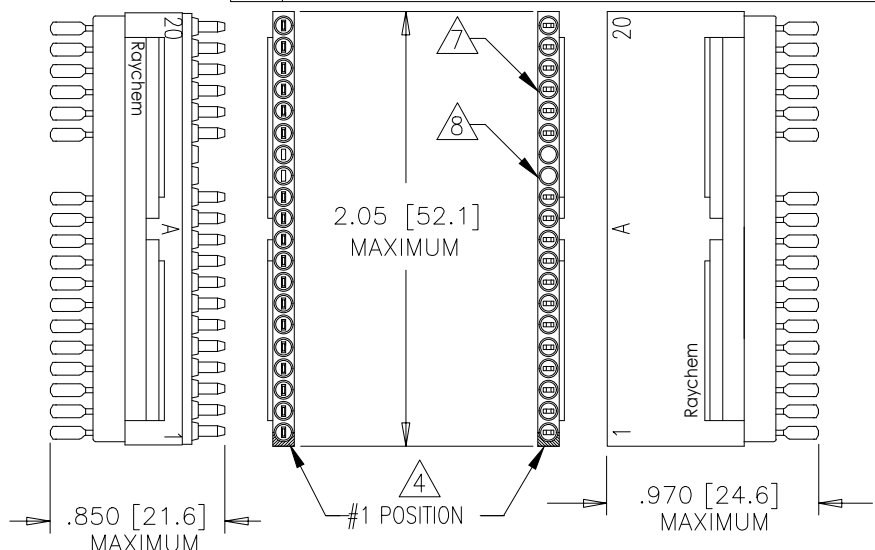


THIS MODEL HAS 16 ACTIVE CONNECTIONS. LINE 9, 10, 11 AND 12 CONNECTIONS DO NOT EXIST.

FIGURE I

FIGURE	TABLE I		
	PART#	DESCRIPTION	WEIGHT MAX. GRAMS
I	MTC100-EA2-P12M1	A WAFER, PIN ⁶	T.D.
	MTC100-EA2-S12M1	A WAFER, SOCKET ⁶	T.D.
II	MTC100-EA2-P12M2	A WAFER, PIN ⁷	T.D.
	MTC100-EA2-S12M2	A WAFER, SOCKET ⁷	T.D.
III	MTC100-EA2-P12M3	A WAFER, PIN ⁹	T.D.
	MTC100-EA2-S12M3	A WAFER, SOCKET ⁹	T.D.

IF THIS DOCUMENT IS PRINTED IT BECOMES UNCONTROLLED CHECK FOR THE LATEST REVISION



THIS MODEL HAS 18 ACTIVE CONNECTIONS. LINE 13 AND 14 CONNECTIONS DO NOT EXIST.

FIGURE II

NOTES:

- PART NUMBER VARIABLE: SEE TABLE I.
- MATERIAL:**
 - A) PIN/SOCKET WAFER HIGH GRADE POLYARYLENE THERMOPLASTIC.
 - B) PIN CONTACT COPPER ALLOY PER ASTM B36, ASTM B36M
 - C) SOCKET CONTACT COPPER ALLOY PER ASTM B103, ASTM B103M (A).
 - D) INTERFACIAL SEAL FLUOROSILICONE PER MIL-R-25988.
- FINISH:**
 - A) PIN/SOCKET WAFER AS MOLDED.
 - B) PIN/SOCKET CONTACT ENGAGING END GOLD PLATE PER ASTM B488, CLASS 1, TYPE 2, GRADE C.
 - C) CONTACT TAIL SOLDER COATED PER IPC J-STD 006 (Sn63), FLUX COATED PER IPC J-STD 006, TYPE RMA.

- ⁴ NUMBER ONE POSITION IS MARKED AS SHOWN IN CONTRASTING COLOR ON INTERFACE.
- 5. THIS PRODUCT IS QUALIFIED TO SPACE SYSTEM LORAL'S SPECIFICATION 010554 Rev. 21, (PER MIL-DTL-83513 AND TYCO ELECTRONICS SPECIFICATION C-6111 AS APPLICABLE). SEE ISTR-1105 FOR MORE INFORMATION.
- ⁶ SEE FIGURE I
- ⁷ SEE FIGURE II
- ⁸ ALL UNUSED CAVITIES ON SOCKET WAFERS ARE FOR VENTING (OPEN).
- ⁹ SEE FIGURE III

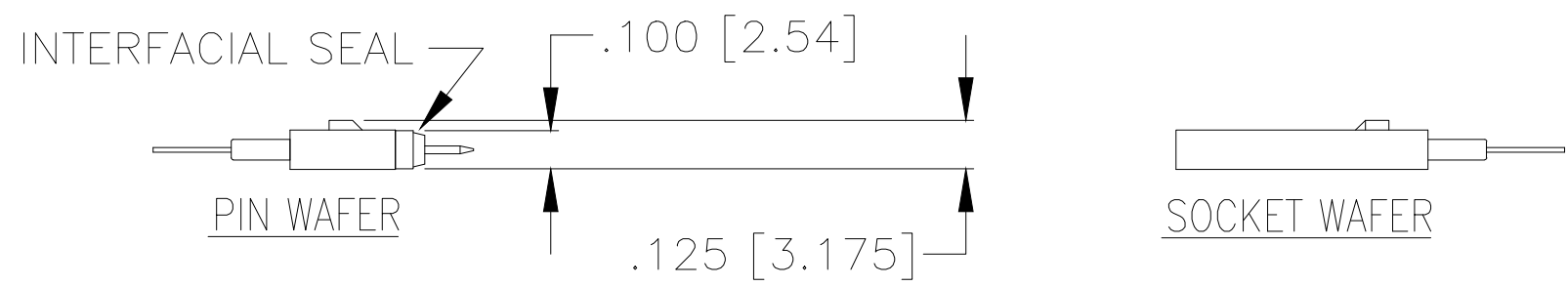
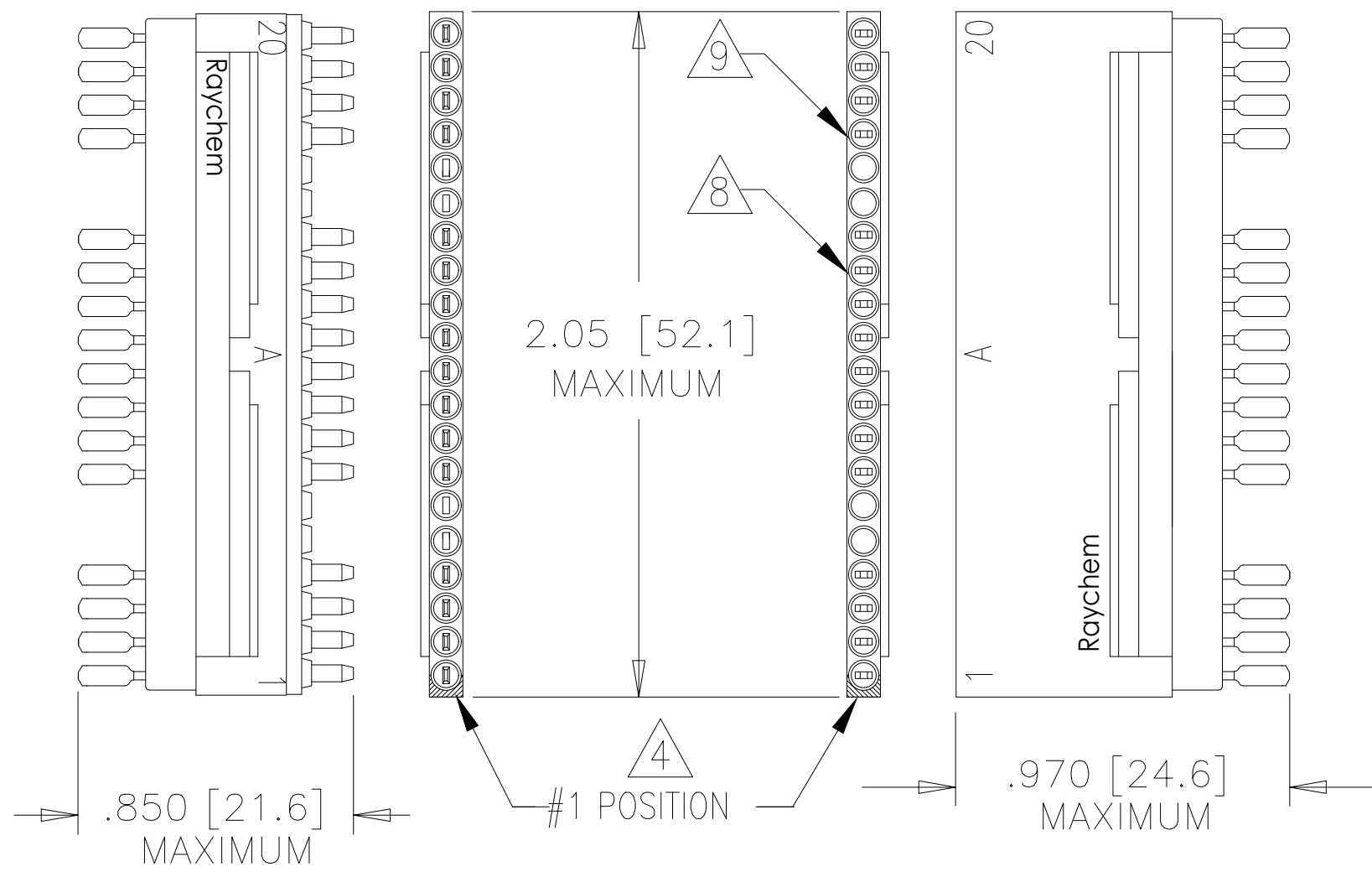
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CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.	DRAWN	Zsofia O.	July/16/2010		Raychem Interconnect 300 Constitution Drive Menlo Park, CA 94025 U.S.A.
	CHECKED				
DECIMALS .XXX ± .005 { .13mm } .XX ± ANGLES .X ±	APPROVED			TITLE	
	APPROVED	M.HIGGY.	July/16/2010	A WAFER 2 INCH, PIN AND SOCKET FLAT CABLE TERMINATION Sn63 TEMPERATURE RATING 125 CELSIUS DEGREE	
WEIGHT: MAXIMUM SEE TABLE I	CAD NAME	MTC100-EA2-X12MX		MTC100 SERIES-MODIFIED 16 AND 18 CONTACTS MODELS	
THIRD ANGLE PROJECTION	SIZE	CAGE CODE:	DWG. NO.	REV.	
	A	06090	MTC100-EA2-X12MX	C	
	SCALE: NONE		SHEET 1 OF 1		

DWG NO. MTC100-EA2-X12MX SHEET 1

8 7 6 5 4 3 2 1



9 THIS MODEL HAS 16 ACTIVE CONNECTIONS.
 LINE 5, 6, 15 AND 16 CONNECTIONS DO NOT EXIST.

FIGURE III

CUSTOMER DRAWING

DRAWN Zsofia O. JULY/16/2010	THIRD ANGLE PROJECTION	SIZE A	CAGE CODE: 06090	DWG. NO. MTC100-EA2-X12MX	REV. C
CAD NAME MTC100-EA2-X12MX		SCALE: NONE	SHEET 2 OF 2		

8 7 6 5 4 3 2 1

MTC100-EA2-X12MX SHEET 2