

NOTES:

1. THIS PROTECTIVE COVER IS DESIGNED TO PROTECT THE INTERFACE OF MTC100 RECEPTACLE CONNECTORS AGAINST DUST AND MOISTURE ENVIROMENTS. PARTS MEET AIR LEAKAGE TEST PER C-6111 OR C-6115 (THE LEAKAGE RATE IS 0.5 ATM CM3/Second Maximum). THE PARTS ALSO OFFER ELECTROMAGNETIC EMISSION PROTECTION.

2. MATING TORQUE

FOR PROPER MATING CONDITION, SCREWS MUST BE EQUALLY TIGHTENED AND LOOSENED BY ONE HALF TURN A TIME TO PREVENT ANY DAMAGES TO THE MATING GASKET. RETENTION SCREWS ARE TO BE TORQUED TO 7±0.5 in-lbs.

3. MATERIAL:

- a. HOUSING ALUMINUM ALLOY PER ASTM B26 OR ASTM B211
- b. RETENTION SCREW STAINLESS STEEL PER SAE-AMS-QQ-S-763
- c. GASKET CONDUCTIVE FLUOROSILICONE ELASTOMER PER MIL-DTL-83528
- d. FLAT WASHER STAINLESS STEEL PER ASTM A 240/A 240M
- e. LANYARD STAINLESS STEEL PER ASTM A 240/A 240M
- f. RETAINING RING BERYLLIUM COPPER PER ASTM B194

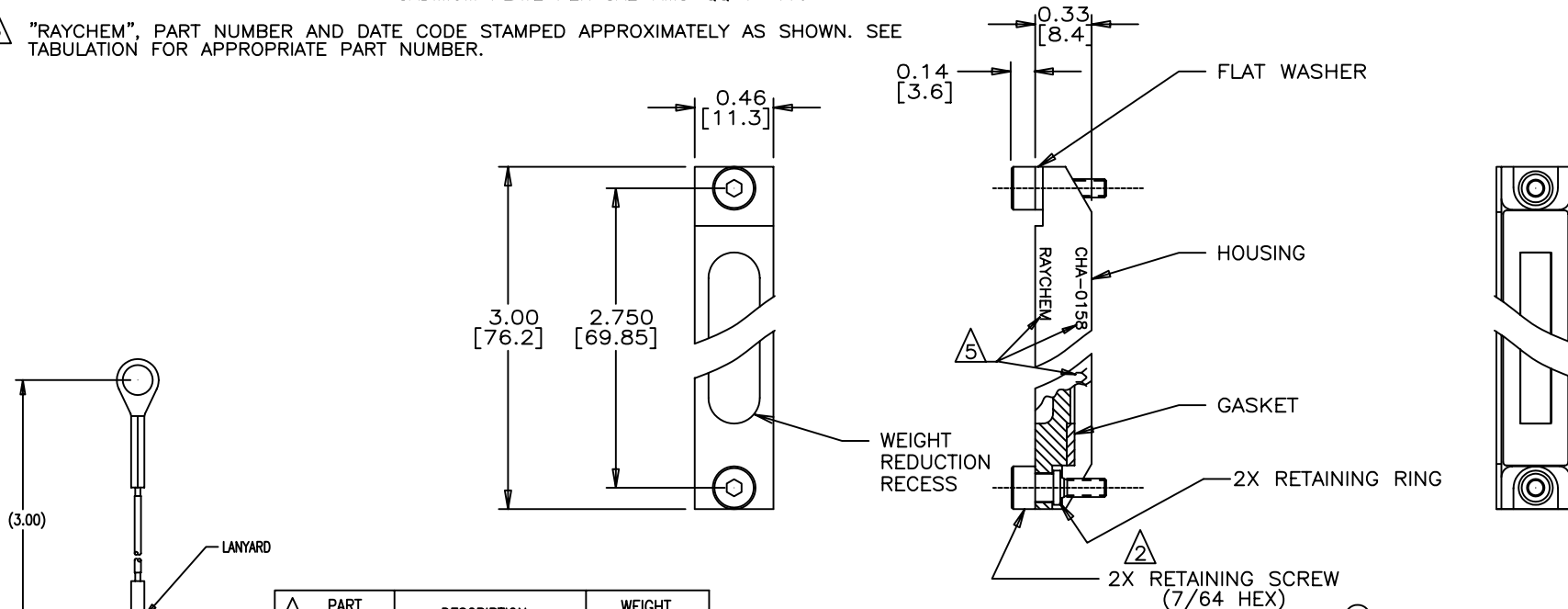
4. FINISH:

- a. HOUSING CADMIUM PLATE PER SAE-AMS-QQ-P-416 OVER NICKEL UNDERPLATE
- b. RETENTION SCREW CADMIUM PLATE PER SAE-AMS-QQ-P-416
- c. FLAT WASHER CADMIUM PLATE PER SAE-AMS-QQ-P-416
- d. LANYARD CADMIUM PLATE PER SAE-AMS-QQ-P-416
- e. RETAINING RING CADMIUM PLATE PER SAE-AMS-QQ-P-416

5. "RAYCHEM", PART NUMBER AND DATE CODE STAMPED APPROXIMATELY AS SHOWN. SEE TABULATION FOR APPROPRIATE PART NUMBER.

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
B	REVISED PER ECN T-18229	JUNE-1-93	J.B.
C	REDRAWN AND REVISED PER DCR# T-29645	7/13/2001	M.HIGGY
D	REVISE PER DCR# T-30033	9/18/2001	M.HIGGY
E	REVISE PER DCR# T-30829	4/19/2002	M.HIGGY
F	REVISE PER DCR# T-31595	JAN/23/03	M.HIGGY
G	PER ECO-07-020128	August/27/07	M.HIGGY

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DETAIL A
FOR CHA-0158-009 PART ONLY

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.		DRAWN	ZS.ORBAN	7/12/2001
DECIMALS .XXX ±.010 .XX ±.02		CHECKED		
ANGLES .X ±		APPROVED		
WEIGHT SEE TAB. lbs { g}		APPROVED	M.HIGGY	7/12/2001
		CAD NAME	CHA-0158-XXX_G	
		THIRD ANGLE PROJECTION		

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 Tyco Electronics		Raychem Interconnect 300 Constitution Drive Merilo Park, CA 94025 U.S.A.	
TITLE COVER, PROTECTIVE, PLUG TYPE, 2 INCH, EME COMPATIBLE MTC100 SERIES			
SIZE A	CODE IDENT. NO. 06090	DWG. NO. CHA-0158-XXX	REV G
DO NOT SCALE THIS DRAWING			SHEET 1 OF 1