REVISION			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED PER DCR# T−32207	NOV/20/03	M.HIGGY
D	REDRAWN, REVISE PER DCR# C060662	AUG/10/06	M.HIGGY

NOTE:

1. THIS CONTACT IS DESIGNED TO MEET THE APPLICABLE REQUIREMENTS OF RAYCHEM SPECIFICATION C−6114 AND C−6115.

2. MATERIAL:
   BODY: COPPER ALLOY CDA C19160 (BOILLAT C97), TESTED PER ASTM B 249.

3. FINISH:
   BODY: GOLD PLATE PER ASTM B 488, CLASS 1

4. CRIMP TOOL RECOMMENDATION:
   A: TOOL NUMBER M22520/2−01
   B: POSITIONER NUMBER CTA−0148 (DANIELS #K817)

5. THIS CONTACT MATES WITH TYCO SOCKET CONTACT NUMBER CTA−0094

6. CRIMP BARREL DESIGNED TO ACCOMMODATE A WIRE RANGE OF AWG 20−24

7. CONFIGURATION CONTROL ES 71001 APPLIES.

8. THESE CONTACTS ARE USED IN TYCO INSERTS MTC100−YC1−001, MTC100−YC1−002 AND MTC100−YC1−005. SEE DRAWING D−659−0097 FOR INSERT CONFIGURATION.

9. RECOMMENDED WIRE STRIP LENGTH: 0.195−0.215 [4.95−5.46].

.218[5.54]
.208[5.28]

.031[0.79] MAX.

.275[6.99] MAX.

.198[5.03]
.185[4.70]

ø.0615[1.562]
ø.0600[1.524]

.021[0.53] MAX.

.051[1.30] MAX.

ø.0450[1.143]
ø.0430[1.092]

ø.076[1.93] MAX.

(CRIMP BARREL)

BODY
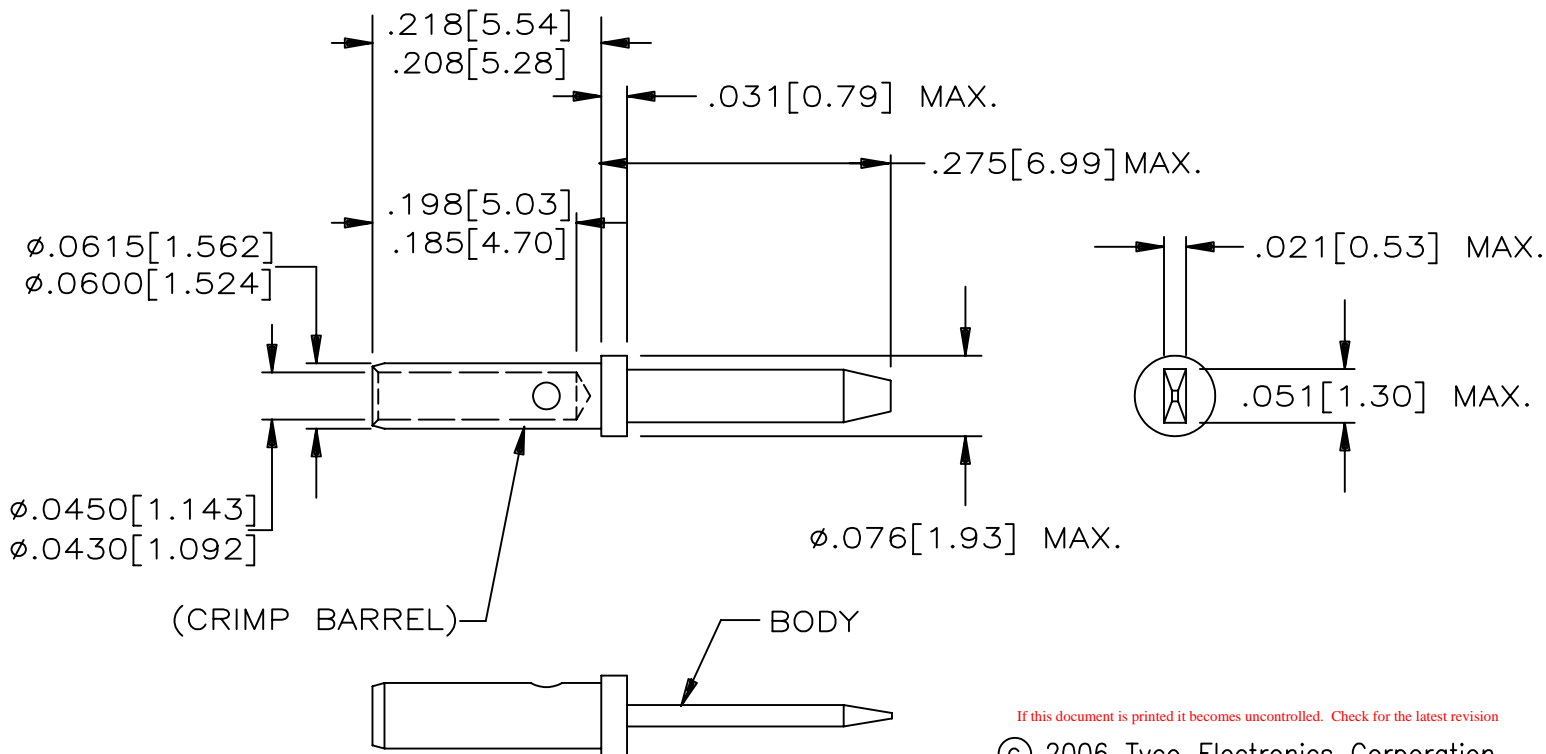
SPECIFICATION CONTROL DRAWING

ITEM	QTY.	PART NO	DWG OR SPEC NO	DESCRIPTION
			PARTS LIST	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. METRIC DIMENSIONS ARE IN BRACKETS.

DECIMAL TOLERANCES
.XXX ± [mm]
.XX ± [mm]
.X ± [mm]

ANGLE TOLERANCE
.X ±

WEIGHT
0.092 Gram Max.

CAD FILE
C060662.DWG

DRAWN ZS.ORBAN   DATE Aug/4/06
APPROVED M.HIGGY   DATE Aug/4/06
MATERIAL
FINISH

tyco Electronics

TYCO ELECTRONICS
300 Constitution Drive
Menlo Park, CA. 94025 USA

Raychem

TITLE
CONTACT. PIN. CRIMP.
SIZE 22−20
MTC100 SERIES

THIRD ANGLE PROJECTION

SIZE	CAGE CODE:	DWG. NO.	
A	06090	CTA−0093	D

DO NOT SCALE THIS DRAWING   SHEET 1 OF 1