

NOTES:

1. MATERIAL:

A) BACKSHELL	COPPER ALLOY 172 PER QQ-A-533.
B) BACKSHELL SCREW	STAINLESS STEEL PER QQ-S-763, 300 SERIES
C) CLAMP BAR	STAINLESS STEEL PER QQ-S-766, 300 SERIES
D) TRANSITION	ALUMINUM ALLOY PER QQ-A-356.
E) CLAMP SCREW	STAINLESS STEEL PER QQ-S-766, 300 SERIES
F) BRAID	COPPER ALLOY
G) TINEL™ LOCK RING	ALLOY X
H) BRAID END COVER	SILICONE ELASTOMER

2. FINISH:

A) BACKSHELL	CADMIUM PLATED PER QQ-P-416
B) BACKSHELL SCREW	CADMIUM PLATED PER QQ-P-416
C) CLAMP BAR	CADMIUM PLATED PER QQ-P-416
D) TRANSITION	CADMIUM PLATED PER QQ-P-416
E) CLAMP SCREW	CADMIUM PLATED PER QQ-P-416
F) BRAID	TIN PLATED
G) TINEL™ LOCK RING	AS MANUFACTURED

3. RAYCHEM PART NUMBER CHA-0082-XXX AND DATE CODE ARE STAMPED APPROXIMATELY AS SHOWN. SEE TABULATION FOR PART NUMBERS.

4. THE 12.0 APPROX., LENGTH APPLIES TO THE BRAID IN ITS "FLAT" AS SUPPLIED CONDITION.

0.285 MAX
[7.24]

4

12.0 [304.8] FLAT
APPROX. (AT $\frac{3}{8}$ I.D.)

0.75
[19.0]

1.46 [37.1]
REF

1.53
[38.9]
REF

TRANSITION

BACKSHELL

BACKSHELL SCREW

P/N/3	DESCRIPTION	COMMENTS
CHA-0082	AS SHOWN	
CHA-0082-010	AS SHOWN EXCEPT SUPPLIED W/O BRAID & BRAID END COVER	DESIGNED TO ACCOMMODATE A DOUBLE LAYER OF 36 GA. BRAID P/N QQ-B-575 R 36T 0375 OR A SINGLE LAYER OF 30 GA. BRAID P/N QQ-B-575 R 30T 0375 RECOMMENDED BRAID TERMINATION PROCEDURE IS DESCRIBED IN RAYCHEM SPECIFICATION NO. MIP-101.
CHA-0082-011	AS SHOWN EXCEPT SUPPLIED W/O BRAID & BRAID END COVER	DESIGNED TO ACCOMMODATE A SINGLE LAYER OF 36 GA. BRAID P/N QQ-B-575 R 36T 0375 RECOMMENDED BRAID TERMINATION PROCEDURE IS DESCRIBED IN RAYCHEM SPECIFICATION NO. MIP-101.

CLAMP BAR

CLAMP SCREW

BRAID

TINEL™
LOCKING RING

BRAID END COVER

ø.356 [9.04]
MAXIMUM
(WIRE BUNDLE)

ø.638 [16.21]
MAXIMUM

ø.600 [15.24]
MAXIMUM

.30 [7.6]
MAX

.48 [12.2]
MAX.

CONNECTOR ASSEMBLY SPACING ALTERNATIVES

ALTERNATING ASSEMBLY

IN LINE ASSEMBLY

.480 [12.19]
MINIMUM

.620 [15.75]
MINIMUM

CENTERLINE
CONNECTOR

SPECIFICATION CONTROL DRAWING © Raychem Corporation 1988

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

DECIMALS

.XXX ± .005 [.13mm]
.XX ± .02 [.5mm]

ANGLES

.X ±

WEIGHT: MAXIMUM
.0923lbs. [1.866g.]

DRAWN	C.K.	12-4-85
CHECKED	J.B.	
APPROVED	J.BLAIR	7-25-86
APPROVED	J.CAMERON	7-25-86
CAD NAME	001061	
THIRD ANGLE PROJECTION		

Raychem		RAYCHEM CORPORATION 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025	
TITLE BACKSHELL, RECEPTACLE, 1", ROUND WIRE 3/8" I.D., OFFSET, EME, CADMIUM PLATED			
MTC SERIES			
SIZE C	CODE IDENT. NO. 06090	DWG. NO. CHA-0082-XXX	REV A
DO NOT SCALE THIS DRAWING		SHEET 1 OF 1	

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