



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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TABLE 1

| GROUP NO | CABLE ACCOMMODATED         | ASSEMBLE PER |
|----------|----------------------------|--------------|
| -301     | GC875GCI, GRUMMAN          | TAI-229      |
| -302     | GC875GBI, GRUMMAN          |              |
| -303     | 7528A5314, RAYCHEM         |              |
| -304     | -----                      |              |
| -305     | MI7/177-00001              |              |
| -306     | MI7/134-00001<br>TRCH-50-2 |              |
| -307     | TRC-75-1                   |              |
| -308     | TRC-75-2                   |              |
| -309     | TRC-50-1                   |              |

TABLE 2

| MODEL NO | PART NO  | DESCRIPTION |
|----------|----------|-------------|
| PL74MC   | 3-0309-1 | 2 LUG TRB   |
| PL75MC   | 3-0309-2 | 3 LUG TRB   |

TABLE 3

POLARIZATION CHART (PL75MC)

| KEY LETTER | A°   | B°   | C°   | COLOR BAND |
|------------|------|------|------|------------|
| NONE       | 120° | 120° | 120° | NONE       |
| T          | 100° | 150° | 110° | RED        |
| U          | 120° | 130° | 110° | ORANGE     |
| V          | 115° | 130° | 115° | YELLOW     |
| W          | 125° | 110° | 125° | GREEN      |
| X          | 130° | 100° | 130° | BLUE       |
| Y          | 110° | 140° | 110° | VIOLET     |
| Z          | 100° | 160° | 100° | GRAY       |
| S          | 135° | 135° | 90°  | WHITE      |

## 3. EXAMPLE OF COMPLETE MODEL NUMBER:

PL75MC T 306

BASIC MODEL NO.  
(SEE TABLE 2)CABLE GROUP  
DASH NO.  
(SEE TABLE 1)POLARIZATION LETTER,  
PL75MC ONLY, NOT REQ  
FOR STD (SEE TABLE 3)

## 2. FINISH: TFS-1A (NICKEL)

1. CONCENTRIC TRIAX 2 OR 3 LUG TRB TYPE  
MILITARY FULL CRIMP CABLE PLUG

NOTES: UNLESS OTHERWISE SPECIFIED.

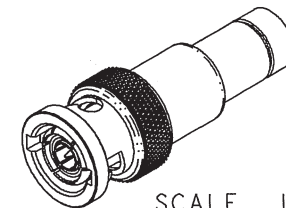
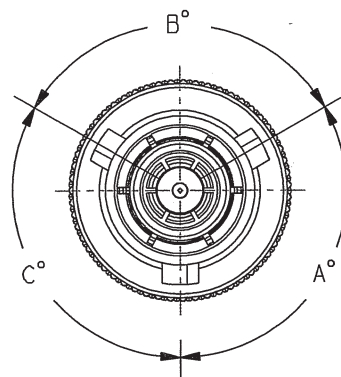
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## REVISIONS

| REV | DESCRIPTIONS           | DATE     | APPROVED |
|-----|------------------------|----------|----------|
| B   | REVISED PER ECO #16477 | 10/16/07 | NAME     |

RED INDICATES ORIGINAL

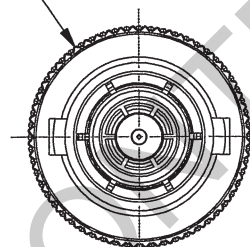
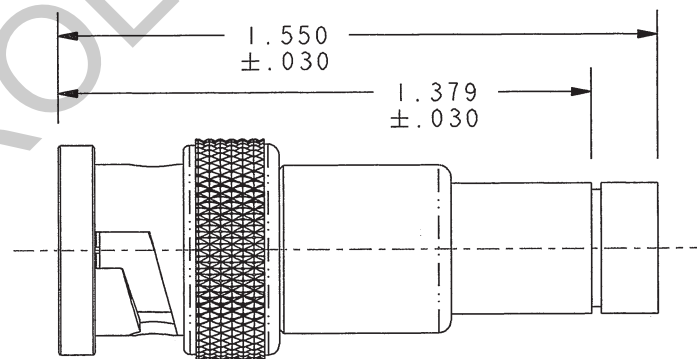
COLOR BAND



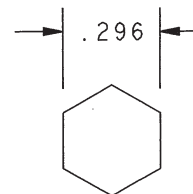
SCALE 1/1

PL75MC SHOWN

Ø.593 MAX

1.550  
±.0301.379  
±.030

.296

RECOMMENDED  
HEX CRIMP

PL74MC SHOWN

INTERPRET DRAWING PER  
MIL-STD-100.  
DIMENSIONS ARE IN INCHES  
AND INCLUDE FINISH  
THICKNESS  
UNLESS OTHERWISE SPECIFIED.

TOL: UNLESS SPECIFIED.  
.XX ±.02  
.XXX ±.010  
ANGLE ± 1°

**TROMPETER**  
RF connectivity  
a cinch connectivity solutions brand

DRN CJJ 9-27-07

CHK 9C 10-12-07

QUANTITY

MANUF

APPROVED 10/12/07

PROJ FILE NO. 3-0309

MATERIAL:

FINISH:

TITLE:

PL74MC/PL75MC

SIZE

CAGE CODE

DRAWING NO.

REV.

A

14949

3-0309

B

SCALE

2/1

DATE

3-13-00

SHEET

IC

NEXT ASSY

DO NOT SCALE DWG