



.016 DIA MIN LOCKWIRE HOLE  
(0.4mm) 3 PLACES  
EQUALLY SPACED

|                 |                       |                       |
|-----------------|-----------------------|-----------------------|
| BEFORE CRIMPING | .664 REF<br>(16.9 mm) | .550 REF<br>(14.0 mm) |
| AFTER CRIMPING  | .568 MAX<br>(14.4 mm) | .441 REF<br>(11.2 mm) |
|                 | DIM "A"               | DIM "B"               |

NOTES:

1. DESIGNED FOR USE WITH .141 DIA (RG 402/U) SEMI-RIGID CABLE
2. CAPTURED CENTER CONTACT
3. PICTORIAL VIEW IS AFTER CRIMPING
4. MIN STRAIGHT CABLE LENGTH: .287
5. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING

| REVISIONS |  |         |                  |
|-----------|--|---------|------------------|
| REV       | DESCRIPTION  | DATE    | APPROVED         |
| 01        | RELEASED   | 6-29-83 | R.GIERAS         |
| 02        | MAJOR CHANGE PER ECN 84-0335   | 8-21-84 | T.SCANNELLI      |
| 02        | .568 MAX. (14.1mm) WAS .547±.010(13.9mm),<br>.441 REF. (11.2mm) WAS .430 REF. (10.9mm)<br>PER ECN 86-0679 (1 of 3) | 8-15-86 | M/H/M<br>9-4-86  |
| 02        | MINOR CHANGE PER ECN 87-0029   | 8-14-89 | J.B.<br>7-24-87  |
| 03        | MAJOR CHANGE PER ECN 89-0750-2<br>REDRAWN ON CAD PER ECN 88-0678   | 8-14-89 | D.CAM<br>8-17-89 |

| COMPONENT                    | MATERIAL  | FINISH   |
|------------------------------|---|--|
| HOUSING COUPLING NUT BUSHING | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | PASSIVATE PER ASTM-A380                                      |
| DIELECTRIC                   | TFE FLUOROCARBON PER MIL-P-19468 AND FED SPEC L-P-403 | N/A  |
| CENTER CONTACT               | BERYLLIUM COPPER PER 00-C-530, ALLOY 173              | GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550 |
| RETAINING RING               | BERYLLIUM COPPER PER 00-C-533                         | N/A  |
| GASKET                       | SILICONE RUBBER PER ZZ-R-765                          | N/A  |

|                                 |   |                    |  |              |
|---------------------------------|---|--------------------|--|--------------|
| CABLE ENTRY DIAMETER<br>MINIMUM | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCE ON  | DATE               | Omni Spectra, Inc.<br>Microwave Connector Division   |              |
| HOUSING                         | FRAC. DEC. ANGLES   | 5-20-83            |  |              |
| CONTACT                         | F. SMO. .005 .1°  | 6-24-83            |  |              |
|                                 | These drawings and specifications are the property of Omni Spectra incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission. | 6-29-83            | TITLE SMA STRAIGHT CABLE PLUG<br>SOLDERLESS COMPRESSION CRIMP<br>ATTACHMENT M39012/79B3004 |              |
|                                 |   | USE ASSY PROCEDURE | NO. AP. 20-565   | SCALE 6:1    |
|                                 |   |                    |  | SHEET 1 OF 1 |

CUSTOMER

1050792  
SHEET 1 OF 1  
REV 0