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**SERIES MWR**

**MICRO-D METAL SHELL, WIRED, RIGHT ANGLE**

---

**TOLERANCE:** XXX ± .005

**XX ± .01**

**ANGLE ± 1°**

---

**REV:** A

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**SERIES MWR**

**MICRO-D METAL SHELL, WIRED, RIGHT ANGLE**

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**EMI SPRINGS (PLUG ONLY)**

MWRL015P-XXXXX-EMI SHOWN

**TOLERANCE:** XXX ±.005
XX ±.01
ANGLE ±1°

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MWR X XXX X – X X X X X – EMI

EMI SPRINGS (PLUG ONLY)

WIRE LENGTH
STRANDED (+ 1.00 / - 0.00)
1 = 6 INCHES
2 = 12 INCHES
3 = 18 INCHES
4 = 24 INCHES
5 = 36 INCHES
6 = 72 INCHES

WIRE SIZE
STRANDED WIRE
0 = 26 AWG
1 = 24 AWG
2 = 28 AWG

WIRE COLOR/TYPEx
0 = WHITE STRANDED *
1 = YELLOW STRANDED
2 = 10 SOLID COLORS REPEATED *
3 = FULL COLOR CODE STRANDED

TERMINATION
WIRE TYPE
STRANDED
H = HARNESS (MIL-W-16878/4)
S = SPACE (MIL-W-22759/33)
M = MILITARY (MIL-W-22759/11) *

SHELL FINISH
A = CADMIUM
B = NICKEL
C = ANODIZE
D = CHEM FILM
E = BLACK CADMIUM
G = GOLD
P = PASSIVATION (STAINLESS STEEL)

* = MOST COMMONLY USED & STOCKED WIRE TYPES AND HARDWARE OPTIONS

MATERIALS AND FINISHES ARE IAW MIL-DTL-83513 WHERE APPLICABLE
FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

1. MATERIALS:
   SHELL - ALUMINUM ALLOY OR STAINLESS STEEL
   INSULATOR - GLASS FILLED THERMOPLASTIC
   PIN/SOCKET CONTACT - COPPER ALLOY
   INTERFACIAL SEAL - FLUOROSURFACONE BLEND
   GROUND SPRINGS - BERYLLIUM COPPER

2. FINISH:
   SHELL - SEE OPTIONS ABOVE
   PIN/SOCKET CONTACT - GOLD OVER NICKEL
   GROUND SPRINGS - GOLD OVER NICKEL

3. SPECIFICATIONS:
   CURRENT RATING .................. 3 AMPS MAX
   TEMPERATURE RATING .............. -55° C TO +125° C
   INSULATION RESISTANCE ........ 5000 MEGOHMS MIN
   DWW AT SEA LEVEL ................. 600 VAC
   DWW AT 70,000 FT ALTITUDE ...... 150 VAC
   CONTACT RESISTANCE ........... 28 MILLIOHMS MAX.
   CONTACT RETENTION ............... 5 lb MINIMUM AXIAL LOAD
   ENGAGEMENT FORCE ............... 6 oz MAX
   SEPARATION FORCE ............... 0.5 oz MIN

4. ADDITIONAL INFORMATION:
   DESIGN AND PERFORMANCE IN GENERAL
   ACCORDING WITH M83513 WHERE APPLICABLE.
   FOR OTHER TERMINATIONS, CONTACT CRISTEK.

TOLERANCE: .XXX ±.005
XX ±.01
ANGLE ±1°

TITLE
MICRO-D METAL SHELL,
WIRED, RIGHT ANGEL

SHT 4 OF 5
DWG. NO. MWR
REV A

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MICRO-D METAL SHELL,
WIRED, RIGHT ANGLE

PLUG MATING FACE

RECEPTACLE MATING FACE