

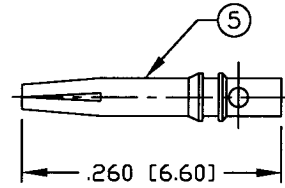
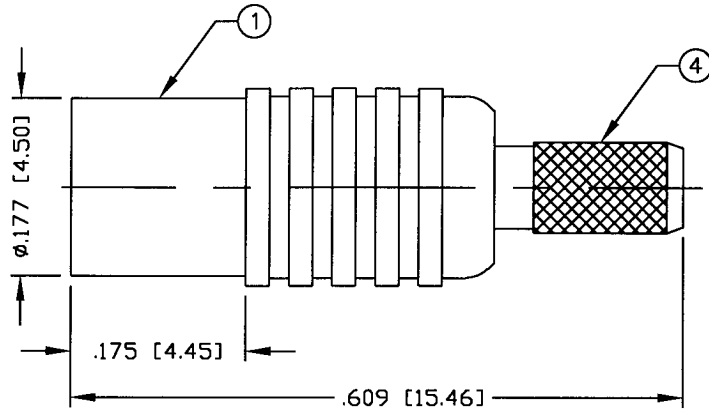
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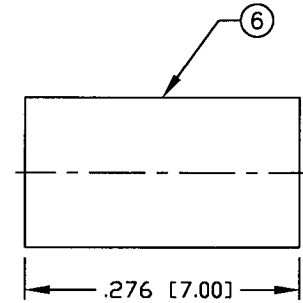
PART NO.

RMX-8100-B

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	11/18/02	JDMc



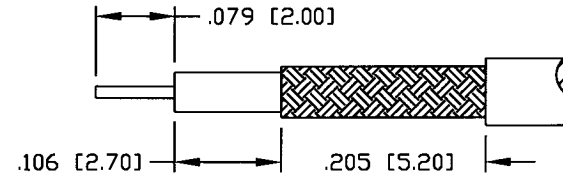
CONTACT TO BE SOLDER



RECOMMENDED CRIMP DIE: .130"

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-6 GHz
 WORKING VOLTAGE: 335 V rms @ sea level
 TEMPERATURE RANGE: -65°C TO 165°C
 INSULATION RESISTANCE: 1k M Ohms min.
 FOR RG-174, 188, 188A, 316/U, ALPHA 9174, 9316,
 BELDEN 8216, 83269, 83284, 84316 & TIMES LMR-100A CABLE



RECOMMENDED STRIPPING DIMENSIONS

1	BODY	1	BRASS	NICKEL, 100μ"
2	INSULATOR	1	PTFE	---
3	INSULATOR	1	PTFE	---
4	FERRULE STUD	1	BRASS	NICKEL, 100μ"
5	CONTACT	1	Be. Cu.	GOLD, 30μ"
6	FERRULE	1	COPPER	NICKEL, 100μ"
7				
8				
9				
10				
11				
12				
13				
14				
#	DESCRIPTION	QTY	MATERIAL	FINISH

008974	
DRAWN	11/18/02
C. ZUNIGA	
CHECKED	
ORJ DRAWN	11/18/02
C. ZUNIGA	
APPROVALS	DATE

UNLESS OTHERWISE SPECIFIED:
 1. REMOVE ALL BURRS
 2. BREAK ALL CORNERS & EDGES .005 R. MAX.
 3. CHAMFER 1ST & LAST THREADS 45°
 4. SURFACE ROUGHNESS 63 FINISH MIL-STD-10
 5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
 6. ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]
 UNLESS OTHERWISE NOTED TOLERANCES ARE:

DECIMALS	DIAMETER
.xxx±.003 [.08]	.xxx±.001 [.03]
.xx±.005 [.13]	.xx±.003 [.08]

RF connectors
 DIVISION OF RF INDUSTRIES, LTD.

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 SAN DIEGO, CA 92126
 (858) 549-6340
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MCX JACK, CRIMP

SIZE	CABLE GROUP	DWG NO.	REV
A	B	RMX-8100-B	-
SCALE:	NTS	CAD FILE	OUTLINE
SHEET 1		OF 1	

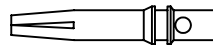
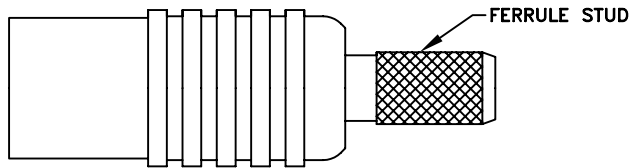
CABLE ASSEMBLY INSTRUCTIONS

RMX-8100-B

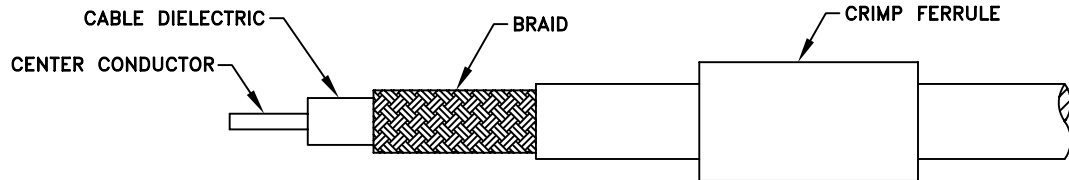
BODY

CONTACT

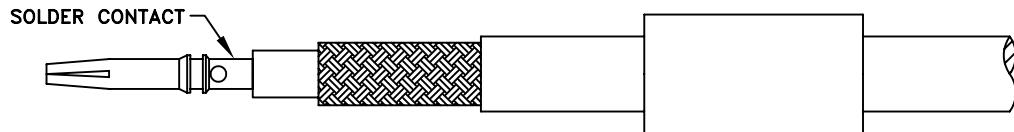
CRIMP FERRULE



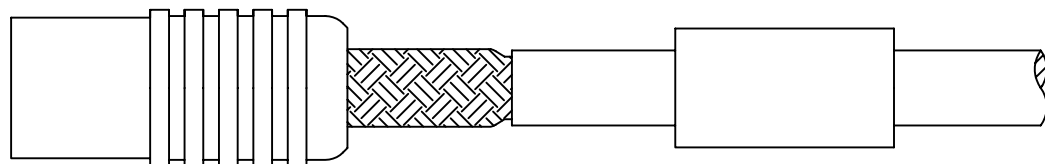
STEP 1



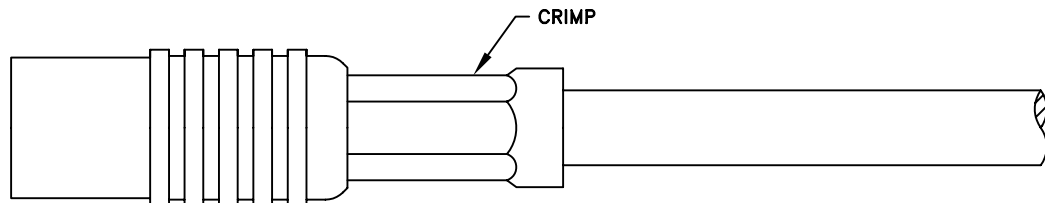
STEP 2



STEP 3



STEP 4



Step 1: Cut end of cable evenly. Strip cable to dimensions shown in catalog or on outline drawing. All cuts are to be clean and square. Do not nick braid or center conductor when cutting. Slide ferrule over cable. If using strain relief or heat shrink tubing slide onto cable first.

Step 2: Slide contact onto center conductor until it yields against the cable dielectric. Solder contact in place.

Step 3: Slide ferrule stud under braid, while inserting the contact into the body.

Step 4: Slide the ferrule over the braid until it yields against the back of the connector. Crimp the ferrule with crimp tool as specified on connector drawing. Trim any extra braid extending out of ferrule end.

RMX-8100-B AP.DWG

RF CONNECTORS

09/06/06

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CZ