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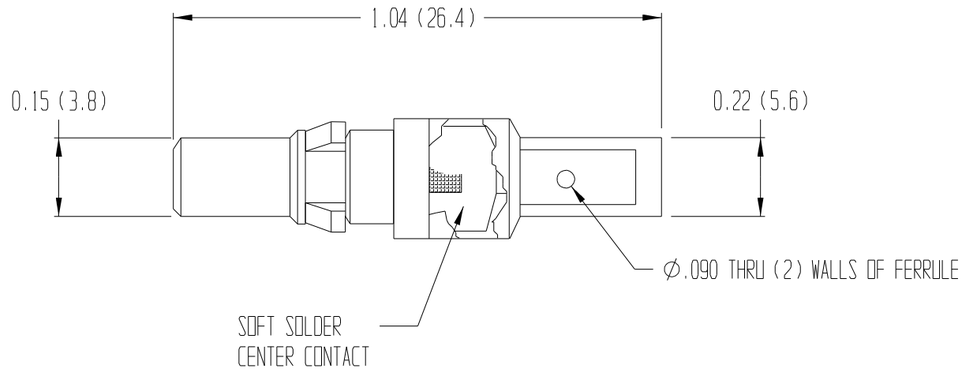
REV	REVISION	DATE	ER #	INTL
IR	INITIAL RELEASE	04/19/2009	1111	LRL
IR1	ADD HOLE PICTOR.	05/12/2003		ASL
A	ADD P/N'S TO CONNECTOR CONTACTS, REM SHT 2	05/01/2009	9630	VML
B	CHANGE CONNECTOR CONTENT INFO	07/28/2009	9973	VML



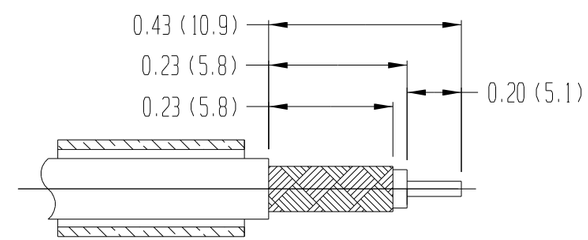
SPECIFICATIONS:

1) ELECTRICAL
   IMPEDANCE: 75 OHMS
   FREQUENCY RANGE: 0 TO 2 GHZ
   VOLTAGE RATING: 1,000 V RMS
   DIELECTRIC WITHSTANDING VOLTAGE: 1,500 V RMS
   INSULATION RESISTANCE: 5,000 MEGOHMS MIN

2) MECHANICAL
   TERMINATION STYLE: INNER CONTACT - SOLDER
   OUTER CONTACT - CRIMP
   TEMPERATURE RANGE: -55° C TO + 125° C
   FINISHES: GOLD FLASH OVER NICKEL
   BODY FINISH: BRASS & PHOSPHOR BRONZE, GOLD.
   CONTACT FINISH: FLASH OVER BRONZE

CONNECTOR CONTENTS:

1 - CONTACT, SIZE 8, REMOVABLE, MALE, P/N OM 53740-5002
1 - CABLE INSULATOR, 15-469-6
1 - ES-105-72 ASSEMBLY INSTRUCTIONS



CABLE ASSEMBLY INSTRUCTIONS: ES-105-72

1.) STRIP CABLE PER DIMENSIONS, DO NOT NICK THE BRAID OR CENTER CONDUCTOR, SLIDE CRIMP TUBE ONTO CABLE AND PUSH BACK OUT OF WAY.

2.) FLARE END OF CABLE BRAID BY ROTATING CABLE DIELECTRIC. SLIDE CABLE INSULATOR ONTO CENTER CONDUCTOR UP AGAINST DIELECTRIC. INSTALL CABLE ASSEMBLY INTO BODY ASSEMBLY SO THAT THE TUBE PORTION OF BODY SLIDES UNDER BRAID. PUSH CABLE ASSEMBLY FORWARD UNTIL CENTER CONDUCTOR IS FULLY SEATED. SOLDER CENTER CONDUCTOR ONTO CONTACT.

3.) SLIDE CRIMP TUBE OVER BRAID & UP AGAINST CONNECTOR BODY. CRIMP USING APPROPRIATE HEX SIZE CRIMPING TOOL. RECOMMEND USING M22520/5-01 TOOL FRAME.

CRIMP/SOLDER INFORMATION

PART NO.	CABLE TYPE	TOOL HEX DIE	HEX SIZE	SOLDER TEMPERATURE
DMC175-075-1	PFLX175-075-01	Y322A	0.197	700-750 ° F (371-398 ° C)

MATERIAL
FINISH

SCALE
SIZE B
TOLERANCES UNLESS NOTED
.XX = ± .03
.XXX = ± .010
ANGLES ± 1°
CAD GENERATED AND MAINTAINED DRAWING -- DO NOT SCALE

DATE 04/19/2000
DRAWN L.LUGO
DESIGNED
CHECKED 07/28/2009 T. FORST
APPROVED 08/03/2009

EMTEQ
5349 SOUTH EMMER DRIVE
NEW BERLIN, WI 53151
(888) 679-6170

CONTACT, SIZE 8, REMOVABLE, MALE

CAGE CODE 06WH3
DWG # DMC175-075-2
SHT 1 OF 1
FILE: DMC175-075-2.prt

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