

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION		DATE	APVD
E	B		E	ECR-08-021014		20AUG08	PB

NOTES

- 1

SINGLE PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- 2

100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- 3

FLASH GOLD PLATING (0.1-0.2µm)
- 4

MEDIUM GOLD PLATING (0.8µm)
- 5

THICK GOLD PLATING (1.3µm)
4.

HAND CRIMPING TOOL FOR POSITIONS 10-12 TYCO ELECTRONICS P/N 734537-1 (HEX. 3.25) ALTERNATE 9-1478240-0
5.

HAND CRIMPING TOOL FOR POSITIONS 1-3 DANIELS M22520/2-01 WITH POSITIONER TYCO ELECTRONICS P/N 639000-1, CRIMPING SELECTION: SEL-NO. 4, ALTERNATE 9-1478248-0
8.

CHARACTERISTICS

FREQUENCY RANGE:

DC-6GHz

NOMINAL IMPEDANCE:

50 OHMS

INSULATION RESISTANCE:

1000 MOHMS

DIELECTRIC WITHSTAND VOLTAGE:

1000V RMS

WORKING VOLTAGE:

335V MAX AT SEA LEVEL

CONTACT RESISTANCE:

CENTRE CONTACT

5.0 mOHMS

OUTER CONTACT

1.0 mOHMS
7.

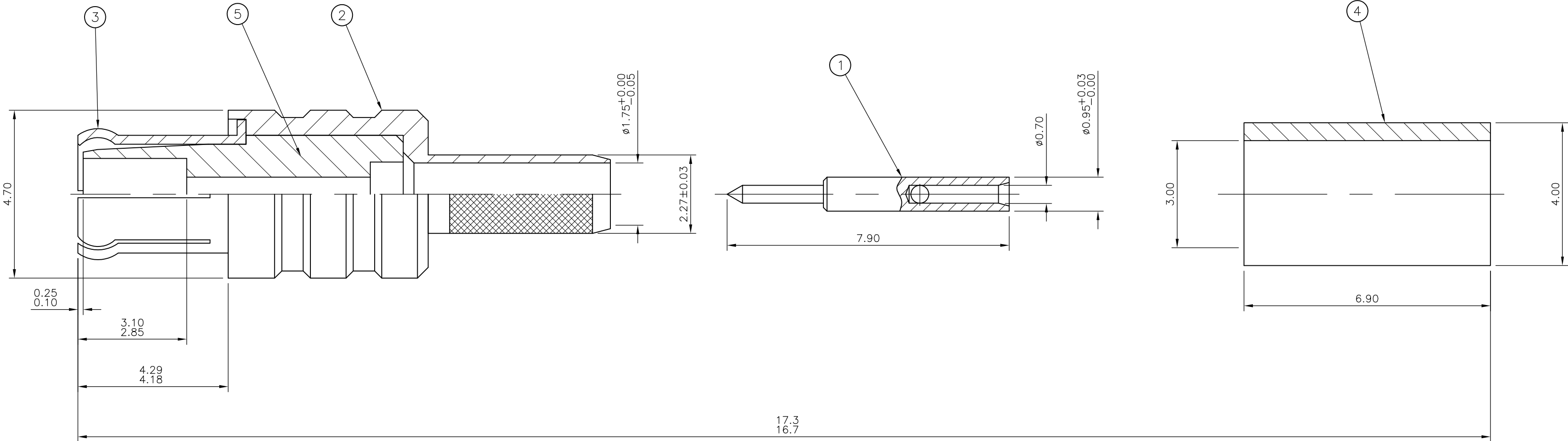
MECHANICAL CHARACTERISTICS

DURABILITY:

500 CYCLES
8.

FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
9.

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED



		1	1	1	1	1	1	PTFE	DIELECTRIC	5
		1	1	1	1	1	1	ANNEALED COPPER	CRIMP SLEEVE	4
		1	1	-	-	-	-	PHOSPHOR BRONZE	OUTER CONTACT	3
		-	-	1	1	-	-	PHOSPHOR BRONZE	OUTER CONTACT	3
		-	-	-	-	1	1	PHOSPHOR BRONZE	OUTER CONTACT	3
		1	1	1	1	1	1	BRASS	BODY	2
		1	1	-	-	-	-	BRASS	MALE CONTACT	1
		-	-	1	1	-	-	BRASS	MALE CONTACT	1
		-	-	-	-	1	1	BRASS	MALE CONTACT	1
		6--2	1--2	6--1	1--1	6--0	1--0	MATERIAL	DESCRIPTION	ITEM
		2	1	2	1	2	1			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

0 PLC

±

1 PLC

±

2 PLC

±

3 PLC

±

4 PLC

±

ANGLES

±

FINISH

-

TOLERANCES UNLESS OTHERWISE SPECIFIED

±

-

-

-

-

±

MATERIAL

-

FINISH

-

DWN

JSANDWELL

09NOV04

CHK

S.PARLOW

09NOV04

APVD

F.WHEELER-KING

09NOV04

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

-

Tyco Electronics

Tyco Electronics Corporation

Bideford, EX39 4HE

NAME

MCX STRAIGHT PLUG CRIMP 50 OHMS

RG174, 188, 316, URM95, KX3B, 22A

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1337580

RESTRICTED TO

-

SCALE

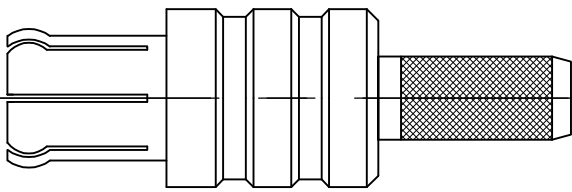
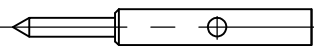
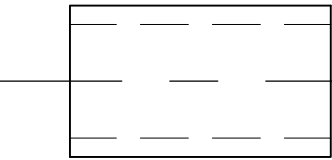
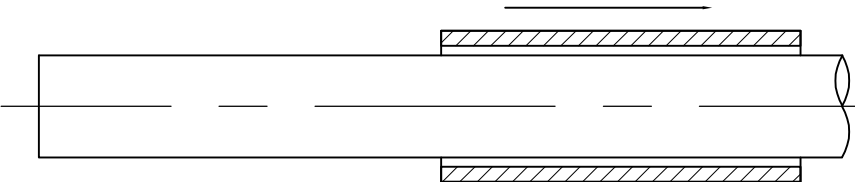
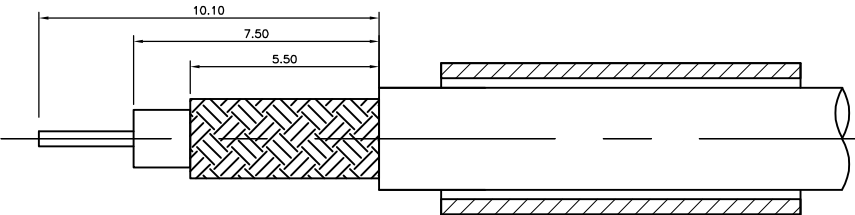
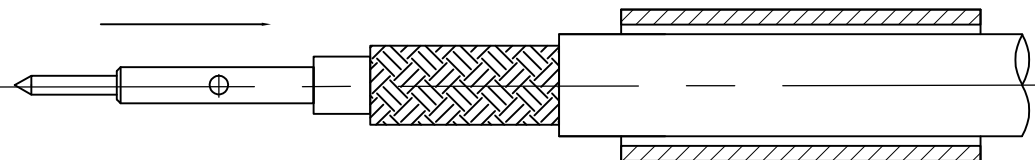
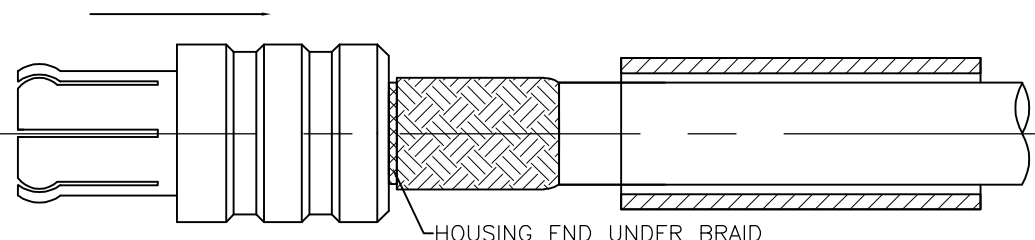
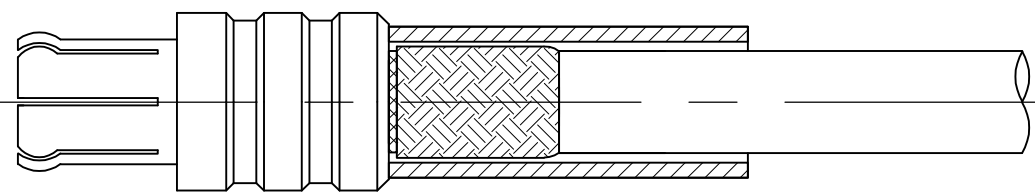
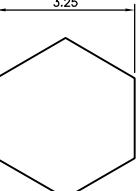
NTS

SHEET

1 of 2

REV

E

4		3		2		1	
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				E		B	
				P		LTR	
				—		—	
				—		—	
REVISIONS							
				DESCRIPTION		DATE	
				—		—	
				—		—	
SEE SHEET 1							
—							
COMPONENTS							
		MAIN BODY (ITEM 2, 3 & 5)		CENTRE CONTACT (ITEM 1)		PUSHER SLEEVE (ITEM 4)	
							
ASSEMBLY INSTRUCTION							
CABLES: RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A							
STEP 1 1. SLIDE METAL CRIMP FERRULE OVER CABLE							
STEP 2 1. STRIP CABLE TO DIMENSIONS AS SHOWN							
STEP 3 1. FIT CONTACT OVER CENTRE CONDUCTOR TO BUTT AGAINST DIELECTRIC. 2. CRIMP CONTACT USING TOOL AS NOTED ON PAGE 1 NOTE 5							
STEP 4 1. PRESS SUB-ASSEMBLY INTO BODY, UNTIL CONTACT IS FULLY LOCATED BY AN AUDIBLE CLICK. 2. ENSURE THAT KNURLED HOUSING INSERTS BETWEEN THE DIELECTRIC AND CABLE BRAID.							
STEP 5 1. SLIDE CRIMP FERRULE ALONG THE CABLE UNTIL IT BUTTS AGAINST THE HOUSING BODY. 2. CRIMP SLEEVE USING TOOL AS NOTED ON PAGE 1 NOTE 4 3. CRIMP DIMENSION AS SHOWN				 			
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				DWN JSANDWELL 09NOV04			
				CHK S.PARLOW 09NOV04			
				APVD F.WHEELER-KING 09NOV04			
				PRODUCT SPEC			
				APPLICATION SPEC			
				WEIGHT			
				CUSTOMER DRAWING			
				SCALE NTS			
				SHEET 2 OF 2			
				REV E			
				Tyco Electronics Corporation Bideford, EX39 4HE			
				MCX STRAIGHT PLUG CRIMP 50 OHMS RG174, 188, 316, URM95, KX3B, 22A			
				SIZE A2			
				CAGE CODE 00779			
				DRAWING NO C=1337580			
				RESTRICTED TO			