![TE connectivity]

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Have a Question?
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Information Specialist

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5-1814819-1 Product Details

➕ **Share**   🖨 **Print**   ✉ **Email**
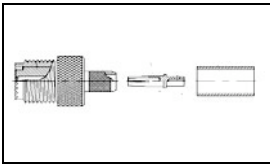
5-1814819-1

TE Internal Number: 5-1814819-1

✔ Active

UHF/ Miniature UHF, RF Connectors

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- Connector - RF
- Jack
- Applies To Coaxial Cable
- Without Snap-Lock
- Coaxial Cable Termination Type = Crimp

View all Features

Add to My Part List   Request Sample   Find Similar Products   Buy Product

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Documentation & Additional Information

Product Drawings:
- M-UHF STR JK HEX RG58C/U, 141A/U, URM43, 76, KX15 (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files:
- None Available

Related Products:
- Tooling

List all Documents

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:
- Product Type = Connector - RF
- Gender = Jack
- Dielectric Material = POM
- Coupling Nut Style = Knurled

Mechanical Attachment:
- Panel Mount Retention = Without

Termination Features:
- Coaxial Cable Termination Type = Crimp
- Crimp Type = Single

Body Features:
- Body Size = Miniature
- Body Plating = Nickel
- Body Material = Brass

Contact Features:
- Center Contact Plating = Gold
- Contact Base Material = Brass

Configuration Features:
- Snap-Lock = Without
- Coaxial Cable Type (RG/U or Mfg.) = 141A, 58C, 76, KX 15, URM 43

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:
- Applies To = Coaxial Cable

Packaging Features:
- Packaging Method = Loose Piece/Bulk

Other:
- Brand = TE Connectivity

Corporate Information
- About TE
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- Supplier Portal
- Careers
- Terms & Conditions

Quick Links
- Distributor Inventory
- Product Cross Reference
- Documents & Drawings
- Product Compliance Support Center
- Site Map

Customer Support
- Email or Chat With Us
- Find a Phone Number
- Knowledge Base
- Manage Your Account

RELEASED FOR PUBLICATION   NOV .2006.

LOC **E**   DIST **B**

REVISIONS

	P	LTR	DESCRIPTION	DATE	DWN	APVD
		C	REVISED PER ECO-09-003420	19FEB09	ANS	BOB

NOTES

1. SINGLE PACK IN ACCORDANCE WITH AMP SPEC 107-3275

2. 100 PER BOX ACCORDANCE WITH AMP SPEC 107-3275

3. NICKEL PLATING

4. GOLD PLATING

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

6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED
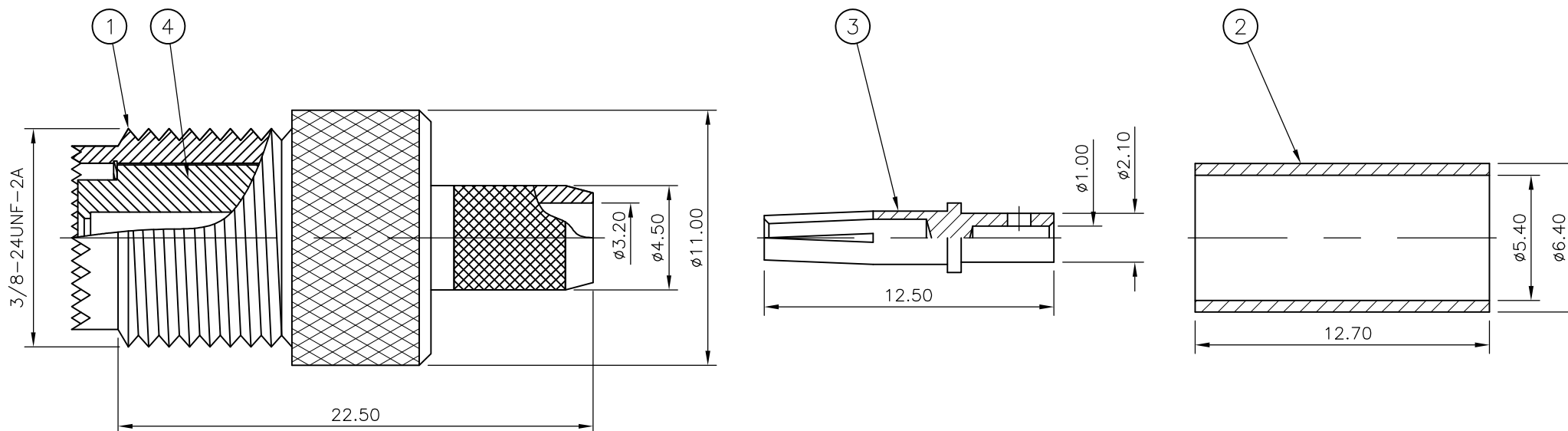
					1	1	POM		INSULATOR	4
					1	1	BRASS	⚠4	CONTACT	3
					1	1	ZINC ALLOY	⚠3	FERRULE	2
					1	1	BRASS	⚠3	BODY	1
					5--1	5--0	MATERIAL		DESCRIPTION	ITEM
					⚠1	⚠2				
		QUANTITY PER ASSY						PARTS LIST		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	ANSON MA	14FEB09
CHK	RITA ZUO	14FEB09
APVD	BOB ZHAO	14FEB09

≡≡ Tyco Electronics

Tyco Electronics Corporation
Kunshan, Jiangsu, PRC 215312

NAME

M-UHF STR JK HEX
RG58C/U, 141A/U, URM43, 76, KX15
—

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
	0 PLC	± —
	1 PLC	± 0.3
	2 PLC	± 0.2
	3 PLC	± —
	4 PLC	± —
	ANGLES	± —

PRODUCT SPEC
108-112000

APPLICATION SPEC
SEE SHEET 2

SIZE A3	CAGE CODE 00779	DRAWING NO C-1814819		RESTRICTED TO —

MATERIAL SEE TABLE	FINISH SEE TABLE

WEIGHT —

CUSTOMER DRAWING

SCALE NTS   SHEET 1 OF 2   REV C

RELEASED FOR PUBLICATION NOV .2004.

LOC	DIST
E	B

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	–	–	–

ASSEMBLY INSTRUCTION
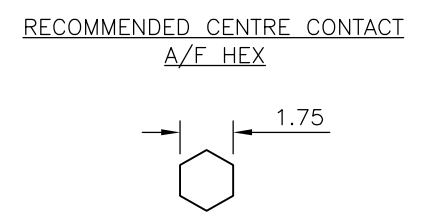
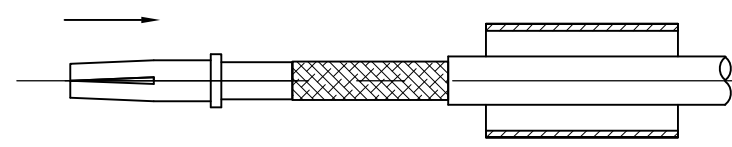### RG58C/U, 141A/U, URM43, 76, KX15

STEP 1

1. SLIDE METAL CRIMP FERRULE OVER CABLE
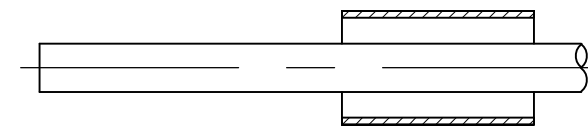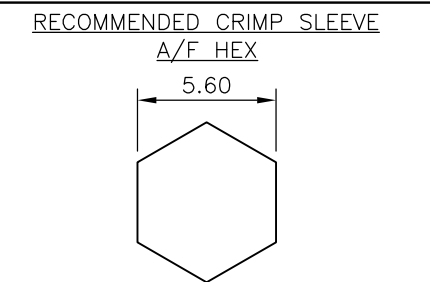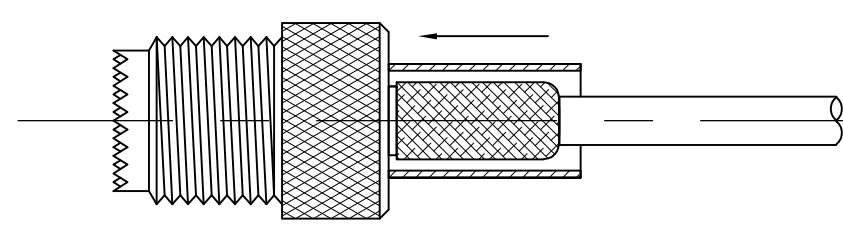
STEP 2

1. STRIP CABLE TO DIMENSIONS AS SHOWN

14.00
7.00
10.00
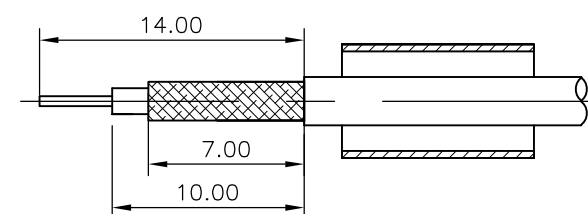
STEP 3

1. FIT CONTACT OVER CENTRE CONDUCTOR TO BUTT AGAINST DIELECTRIC.
2. CRIMP USING TOOL AS NOTES ON PAGE 1.

RECOMMENDED CENTRE CONTACT
A/F HEX
1.75

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.

HOUSING END UNDER BRAID
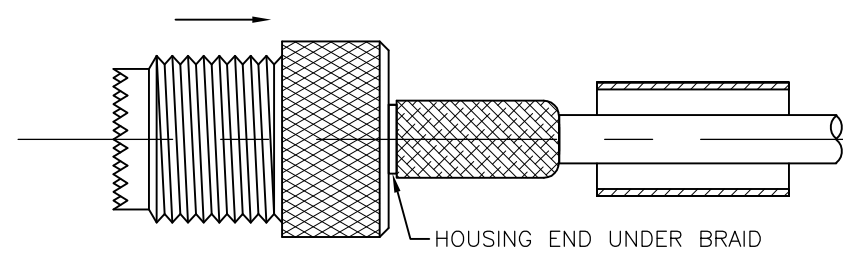
STEP 5

1. SLIDE CRIMP FERRULE ALONG THE CABLE UNTIL IT BUTTS AGAINST THE HOUSING BODY.
2. CRIMP USING TOOL AS NOTED ON PAGE 1.
3. CRIMP DIMENSION AS SHOWN.

RECOMMENDED CRIMP SLEEVE
A/F HEX
5.60

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN ANSON	14FEB09
CHK RITA ZUO	14FEB09
APVD BOB ZHAO	14FEB09

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± –
2 PLC	± –
3 PLC	± –
4 PLC	± –
ANGLES	± –

MATERIAL SEE TABLE

FINISH SEE TABLE

PRODUCT SPEC
108-112000

APPLICATION SPEC
SHEET 2

WEIGHT —

Tyco Electronics
Tyco Electronics Corporation
Kunshan, Jiangsu, PRC 215312

NAME
M-UHF STR JK HEX
RG58C/U, 141A/U, URM43, 76, KX15
—

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1814819	—

SCALE NTS	SHEET 2 OF 2	REV C

CUSTOMER DRAWING