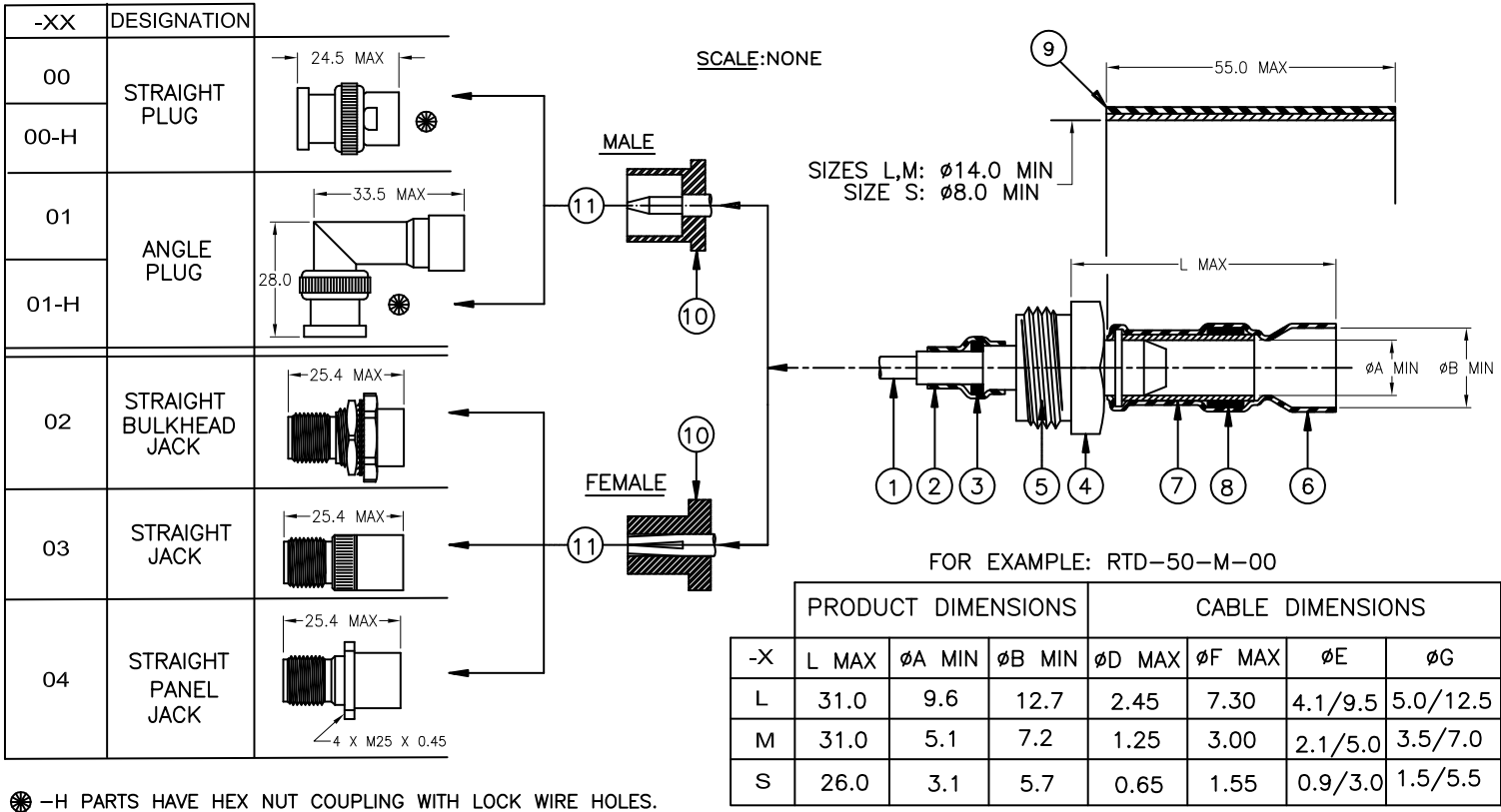


SPECIFICATION CONTROL DRAWING



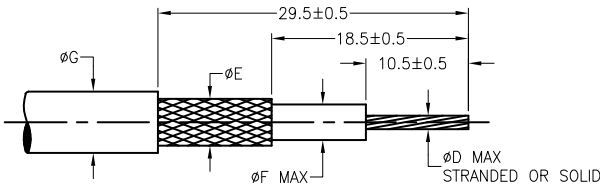
MATERIAL:

- CENTER CONTACT. GOLD PLATED BRASS (MALE) OR GOLD BERYLLIUM COPPER (FEMALE).
6. HEAT SHRINKABLE INSULATION SLEEVE, TRANSPARENT BLUE. RADIATION CROSS-LINKED MODIFIED POLYVINYLIDENE FLOURIDE.
- SOLDER PREFORM. Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
- THREADED TRANSITION PART. SILVER PLATED BRASS.
- INSULATOR. PTFE.
- SOLDERSHIELD DEVICE. TIN PLATED COPPER BRAID WITH ACTIVATED ROSIN FLUX.
- SOLDER PREFORM (ON L AND M SIZE ONLY). Sn63 Pb37 SOLDER ALLOY WITH MILDLY ACTIVATED ROSIN FLUX.
- HEAT SHRINKABLE INSULATION SLEEVE, BLACK. RADIATION CROSS-LINKED MODIFIED POLYOLEFIN WITH ADHESIVE.
- INSULATOR (EXCEPT FOR ANGLE PLUG), PTFE.
- BODY, NICKEL PLATED BRASS.

APPLICATION:

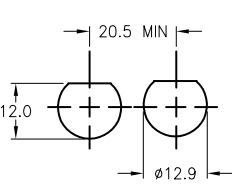
- THESE CONTROLLED SOLDERING DEVICES ARE DESIGNED TO CONNECT, WITH A MIL-C-390128 TNC INTERMATEABLE PART, A 50Ω SINGLE OR DOUBLE BRAIDED COAXIAL HAVING A:
 - TIN OR SILVER PLATED COPPER OUTER CONDUCTOR.
 - TIN OR SILVER PLATED INNER CONDUCTOR.AND INSULATION RATED FOR AT LEAST +85°C.
- TEMPERATURE RANGE:
 - * WITH BLACK SLEEVE: -55°C TO 100°C.
 - * WITHOUT BLACK SLEEVE: -55°C TO 150°C.
- FOR INSTALLATION PROCEDURE AND APPLICATION EQUIPMENT, CONSULT RPIP-683-00.

FOR BEST RESULTS, PREPARE THE CABLE AS SHOWN:

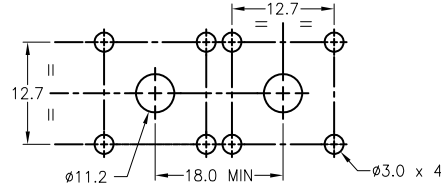


PANEL THICKNESS: 3.2 MAX

For RTD-50-X-02



For RTD-50-X-04



TE Connectivity
300 Constitution Drive
Menlo Park, CA 94025

Raychem

TITLE: ONE STEP RF CONNECTOR
50 OHM TNC

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES:

0.00
0.0
0

ANGLES:

ROUGHNESS
IN MICRON

TE CONNECTIVITY RESERVES THE RIGHT TO
AMEND THIS DRAWING AT ANY TIME. USERS
SHOULD EVALUATE THE SUITABILITY OF THE
PRODUCT FOR THEIR APPLICATION.

DOCUMENT NO:

RTD-50-X-XX /-XX-H

CAD FILE: D090312
REPLACES: D990336
DRAWN: MFORONDA

SIZE: A

SCALE:

CAGE CODE: 06090

PROD. REV.: A

DOC. REV: 2

DATE: 29MAR11

SHEET: 1 OF 1