

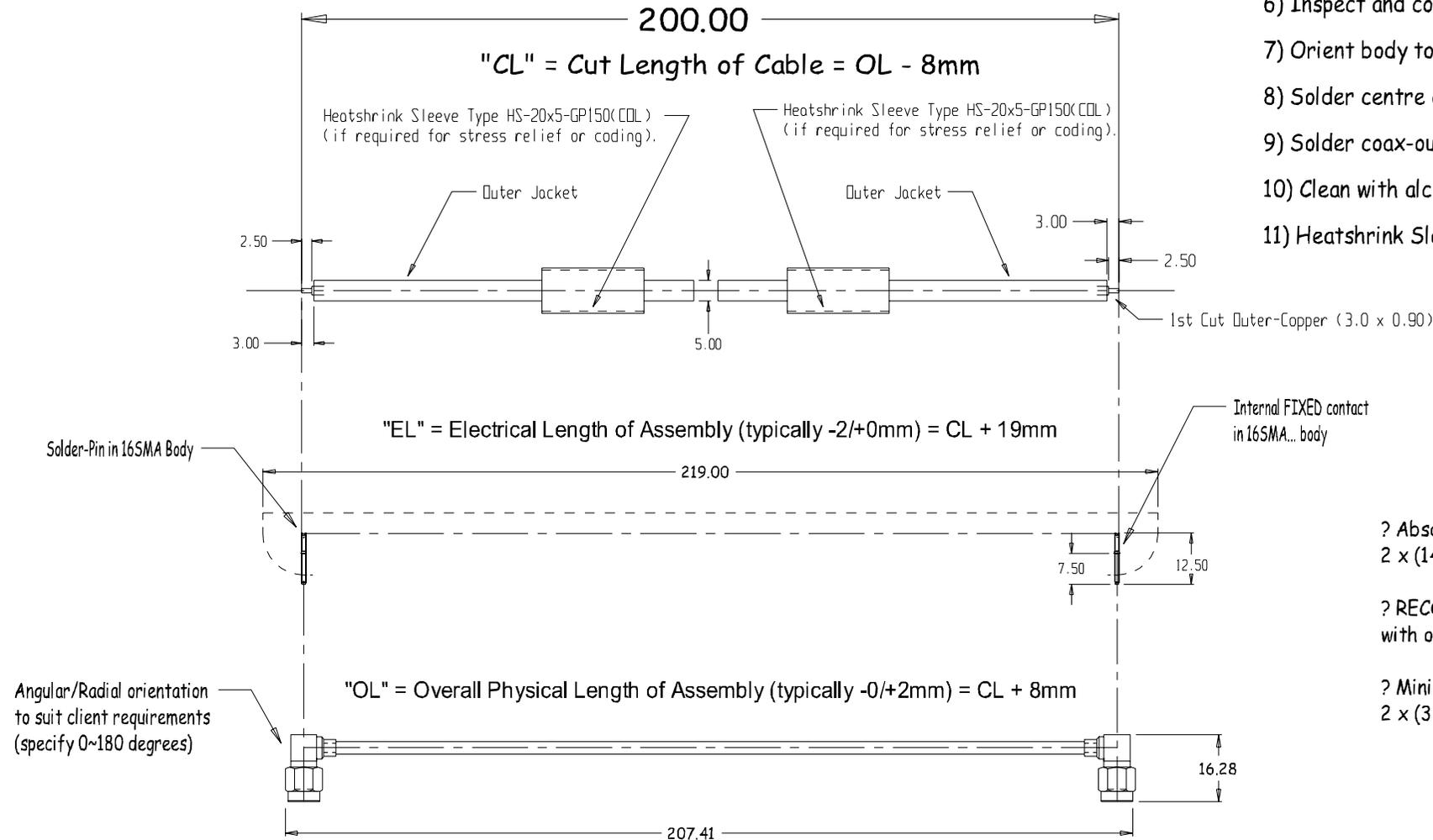
CASA Assembly Instruction for:- "16SMA-16SMA-EZ1 41-150mm(180d)"

Assembly & Cable Preparation details for the following CASA Crimp Coaxial Connectors:-
 Note - Semi-Rigid Cables UT-141/EZ-141 etc. may be used provided the single screen crimp ferrule substituted with the double screen part.
 16SMA-50-3-UT141 (may be already fitted to supplied cable
 16SMA-50-3-UT141 (Suhner or equivalent)
 etc.

Installation Steps:-

- 1) Prepare Cable End to Drawing detail shown here
- 2) Fit HS ID Marker/labels and clear HS cover tubes
- 3) Clean and Inspect dielectric to contact interface
- 4) Install W14 contact-centreing/location jig onto body
- 5) Install Connector Body onto cable
- 6) Inspect and correct positioning
- 7) Orient body to correct radial-angular location
- 8) Solder centre contact in cavity
- 9) Solder coax-outer to SMA body
- 10) Clean with alcohol and fit top cap + remove W14 jig
- 11) Heatshrink Sleeves and ID markers as appropriate

CUT Length = "CL" = OL - 8 mm



? Absolute MINIMUM Cable Length = $2 \times (14+7.7) = 43.4\text{mm}$ without heatshrink

? RECOMENDED Pracital Minimum = 50mm with or without Heatshrink.

? Minimum Cable length WITH Taper Sleeves $2 \times (38 + 7.7) + 14 = 105.4\text{mm}$

JOB No.
2649

CASA Modular Systems
 P.O. BOX 38-828, WELLINGTON, NEW ZEALAND
 TELEPHONE : (64-4) 9393 777
 FACSIMILE : (64-4) 9393 778

CUSTOMER : **CASA Modular Systems**

DESCRIPTION :
16SMA-16SMA Semi-Rigid Assembly Inst.

DRAWN : **AWD** DATE : **10/04/07** APPROVED : **?** DWG. SCALE : **1:1**

SIZE	DRAWING Reference No.	ISSUE
A4	16SMA-16SMA	A
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