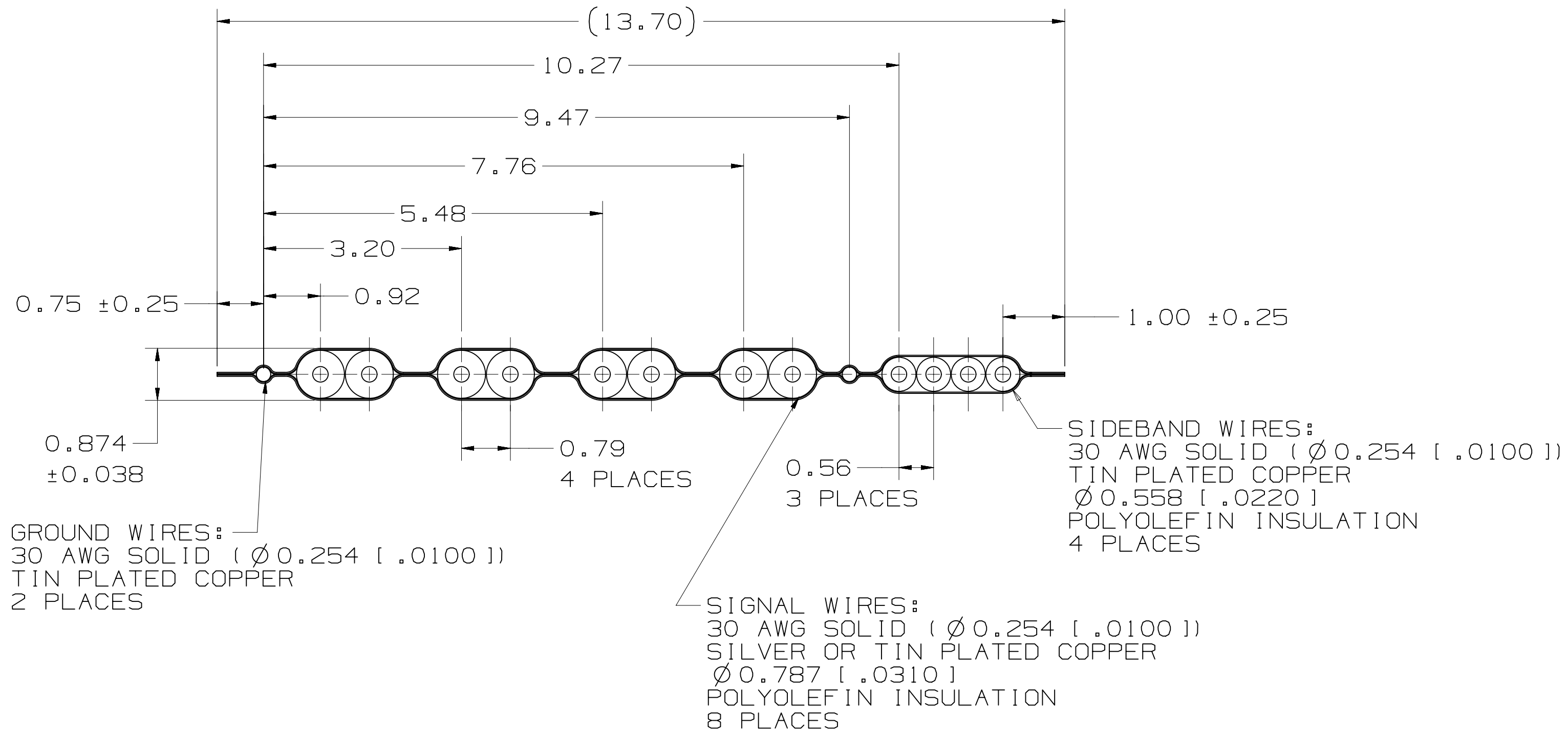


# 3M™ TWIN AXIAL CABLE, SL8800 SERIES



GROUND WIRES:  
30 AWG SOLID (Ø 0.254 [ .0100 ])  
TIN PLATED COPPER  
2 PLACES

SIGNAL WIRES:  
30 AWG SOLID (Ø 0.254 [ .0100 ])  
SILVER OR TIN PLATED COPPER  
Ø 0.787 [ .0310 ]  
POLYOLEFIN INSULATION  
8 PLACES

SIDEBAND WIRES:  
30 AWG SOLID (Ø 0.254 [ .0100 ])  
TIN PLATED COPPER  
Ø 0.558 [ .0220 ]  
POLYOLEFIN INSULATION  
4 PLACES

## NOTES

- 1 DIMENSIONS ARE IN MILLIMETERS.
- 2 PHYSICAL:  
COLOR: SILVER  
MARKING:  
3M (part number) 30 AWG (signal plating) (lot code)  
EXAMPLE:  
3M SL8801/12-20DA5-00 30 AWG SILVER TW602-1
- 3 ELECTRICAL:  
IMPEDANCE: 100 ±5 OHMS
- 4 PRODUCT SPECIFICATION NUMBER:  
PS-0105
- 5 REGULATORY INFORMATION:  
ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTORS.COM FOR COMPLIANCE INFORMATION (RIA E1 & C1 APPLY)  
  
UL FILE NUMBER: E42769
- 6 THE OUTER SURFACE OF THE RIBBON CABLE HAS A METALLIC APPEARANCE, BUT IS NOT CONDUCTIVE. THERE IS A TRANSLUCENT POLYESTER OUTER LAYER OVER AN ALUMINUM SHIELDING LAYER, WHICH GIVES THIS APPEARANCE.  
  
THE THIN ALUMINUM SHIELDING LAYER IS EXPOSED AT THE RIBBON EDGE. USERS SHOULD ASSESS WHETHER THE EXPOSED EDGE PRESENTS A SHORTING RISK IN THEIR SPECIFIC APPLICATION. INSULATING TAPE MAY BE APPLIED AT THE CABLE ASSEMBLY LEVEL, AS NEEDED, TO COVER THE EXPOSED EDGE IN RISK AREAS.
- 7 FOIL AND INSULATOR STRIPPING BLADE DESIGN DRAWINGS ARE AVAILABLE UPON REQUEST.  
TOOLING REFERENCE NUMBER:  
NU18A

SIGNAL WIRE PLATING OPTION	3M PART NUMBER
SILVER	SL8801/12-20DA5-00
TIN	SL8801/12-21DA5-00

Visit <http://www.3mconnectors.com>

DESIGN REFERENCE	NEXT ASSEMBLY
DISTRIBUTION CODES	
DIVISION	DIVISION CODE
DO NOT SCALE DRAWING	SCALE 16/1
THIRD ANGLE PROJECTION	TOLERANCES EXCEPT AS NOTED
INTERPRET PER ASME Y14.5 - 1994	INCHES
MAX SURFACE ROUGHNESS 125	MILLIMETERS
<input type="checkbox"/> ALL SURFACES	ANGLES ±1°
<input checked="" type="checkbox"/> MARKED ONLY	

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
MWL		JUL 19, 2010		
M	LETTANG	JAN 24, 2012		
A 37561		JAN 25, 2012	LDS	ML
		INITIAL RELEASE		
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TITLE SL8801/12-2XDA5-00, 100 OHM, 30 AWG, 4PR, 4SBE				
CAGE NUMBER	SIZE	DRAWING NO.	REV.	
C		78-5100-2463-7	A	
MODEL	DET. LISTS	YES	NO	SHT 1 OF 1

78-5100-2463-7  
DRAWING NUMBER

REVISION

A