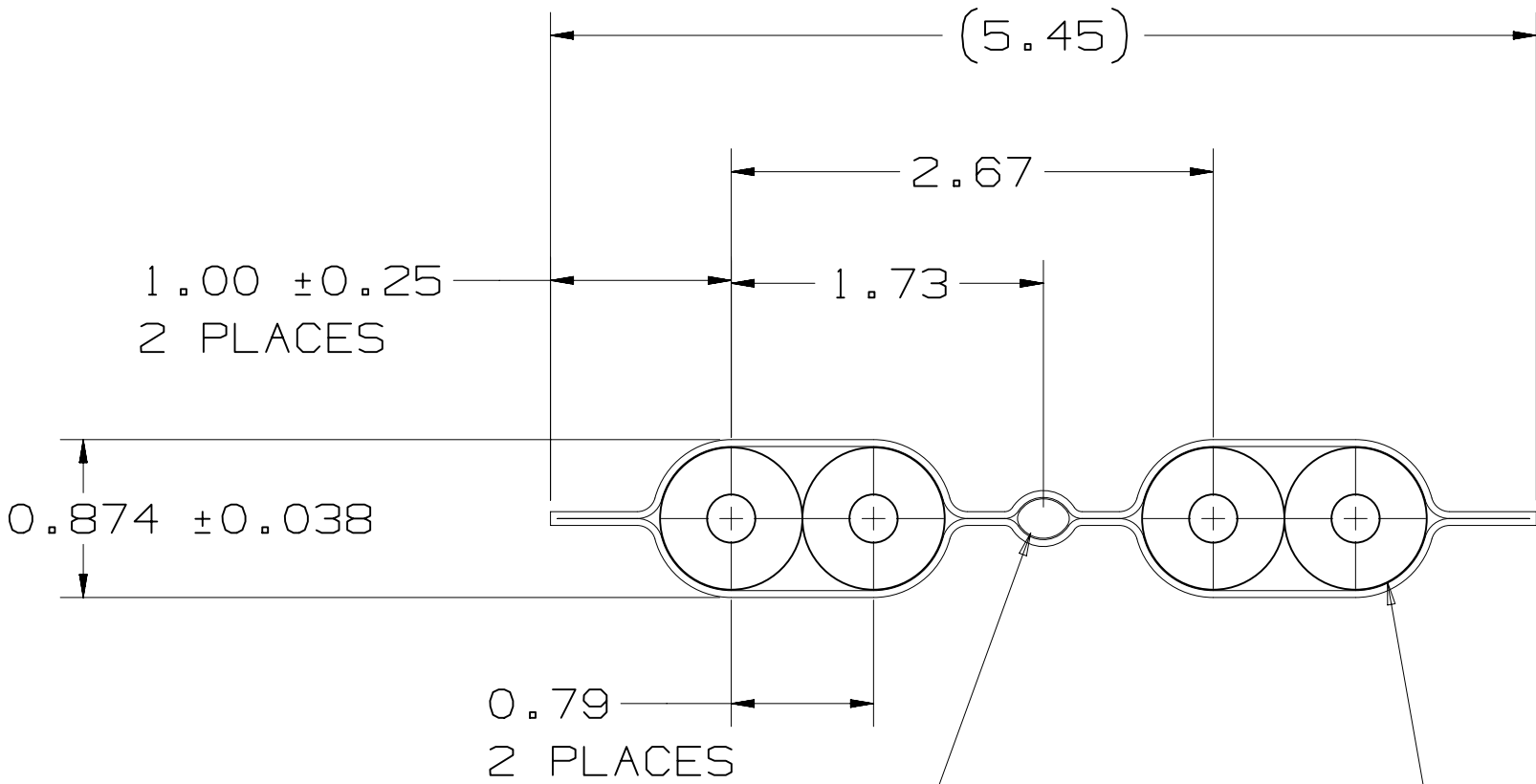


3M™ TWIN AXIAL CABLE, SL8800 SERIES



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

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

SIGNAL WIRE PLATING OPTION	3M PART NUMBER
SILVER	SL8802/04-10DN5-00
TIN	SL8802/04-11DN5-00

NOTES

- DIMENSIONS ARE IN MILLIMETERS.
- PHYSICAL:  
COLOR: SILVER  
MARKING:  
3M (part number) 30 AWG (signal  
plating) (lot code)  
EXAMPLE:  
3M SL8802/04-10DN5-00 30 AWG  
SILVER TW602-1
- ELECTRICAL:  
IMPEDANCE: 100 ±5 OHMS
- PRODUCT SPECIFICATION NUMBER:  
PS-0105
- 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
- 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.
- FOIL AND INSULATOR STRIPPING  
BLADE DESIGN DRAWINGS ARE  
AVAILABLE UPON REQUEST.  
TOOLING REFERENCE NUMBER:  
NU14A2

DESIGN REFERENCE	NEXT ASSEMBLY
DISTRIBUTION CODES	
DIVISION	DIVISION CODE
DO NOT SCALE DRAWING	SCALE 25 1
THIRD ANGLE PROJECTION	TOLERANCES EXCEPT AS NOTED
INTERPRET PER ASME Y14.5 - 1994	INCHES ±.0 ±.00 ±.000 ±.0000
MAX SURFACE ROUGHNESS 125 ✓	MILLIMETERS 0 ± 0 ± 0.00 ±.10 0.000 ±
ALL SURFACES MARKED ONLY	ANGLES ±1°

A	37561	JAN 25,2012	LDS	MML
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DATE	MAR 07,2011	MFG	DATE	
CHKD	M LETTANG	DATE	APPVL	DATE
3M		© 3M COPYRIGHT 2012		
3M Center St. Paul, MN 55144		This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		
TITLE				
SL8802/04-1XDN5-00, 100 OHM, 30 AWG, 2PR				
CAGE NUMBER	SIZE	DRAWING NO.	REV.	
C	78-5100-2401-7	A		
MODEL		DET.	SHT 1 OF 1	
		LISTS	YES NO	

# Mouser Electronics

Authorized Distributor

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