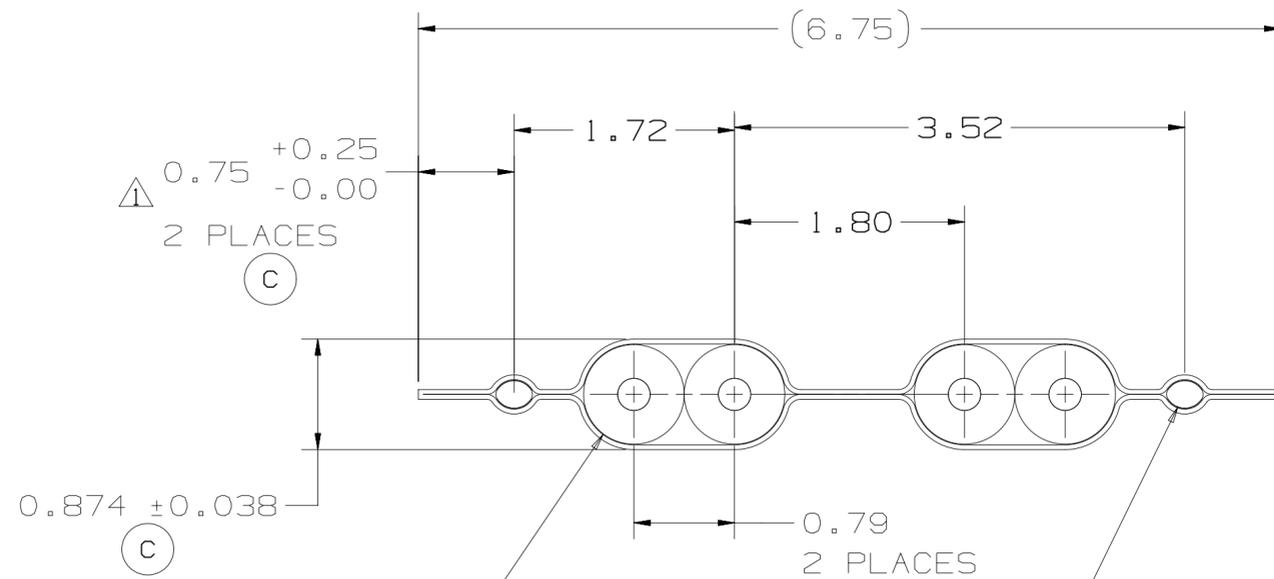


3M™ TWIN AXIAL CABLE, SL8800 SERIES



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

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

NOTES

- DIMENSIONS ARE IN MILLIMETERS.
- PHYSICAL:  
 COLOR: SILVER  
 MARKING:  
 3M (part number) 30 AWG (signal plating) [VW1] (lot code)  
  
 EXAMPLE:  
 3M SL8802/04-50DN5-00 30 AWG SILVER TW602-1  
  
 EXAMPLE VW1:  
 3M SL8802/04-5FDN5-00 30 AWG SILVER VW1 TW602-1
- 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.  
  
 THIS CABLE CONSTRUCTION HAS A THIN ALUMINUM LAYER AT EACH EDGE. USER SHOULD EVALUATE ITS USE IN THEIR APPLICATION AND, IF NECESSARY, INSULATING TAPE MAY BE APPLIED TO COVER THE ALUMINUM LAYER, AS USER DEEMS APPROPRIATE.
- FOIL AND INSULATOR STRIPPING BLADE DESIGN DRAWINGS ARE AVAILABLE UPON REQUEST.  
 TOOLING REFERENCE NUMBER: NU14A1
- UNLESS OTHERWISE NOTED, REFERENCES TO INDUSTRY SPECIFICATIONS ARE INTENDED TO INDICATE SUBSTANTIAL COMPLIANCE TO THE MATERIAL ELEMENTS OF THE SPECIFICATION. SUCH REFERENCES SHOULD NOT BE CONSTRUED AS A GUARANTEE OF COMPLIANCE TO ALL REQUIREMENTS IN A GIVEN SPECIFICATION.
- Ⓢ DENOTES CRITICAL DIMENSION.

		HORIZONTAL FLAME VERSION	VW1 VERSION
SIGNAL WIRE PLATING	SILVER	SL8802/04-50DN5-00	SL8802/04-5FDN5-00
	TIN	SL8802/04-51DN5-00	SL8802/04-5GDN5-00
PRODUCT SPEC.		PS-0105	PS-0163
IMPEDANCE SPEC.		100 ±5 OHMS	95 ±5 OHMS

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
ACCESS CODES		DRFT	ARM	DATE	MFG	DATE
		CHKD	M	DATE	APPVL	DATE
DIVISION		DIVISION CODE				
DO NOT SCALE DRAWING	SCALE 25/1	TOLERANCES EXCEPT AS NOTED				
		INCHES				
		MILLIMETERS				
		ANGLES ±1°				
THIRD ANGLE PROJECTION						
INTERPRET PER ASME Y14.5 - 2009						
MAX SURFACE ROUGHNESS						
125	<input type="checkbox"/> ALL SURFACES					
	<input checked="" type="checkbox"/> MARKED ONLY					

D	79896	AUG 07, 2018	LDS	MML
		ADDED CRITICAL DIM SYMBOLS		
		ADDED NOTE 7		
		Ⓢ REVISED TOLERANCE		
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
		DATE	MFG	DATE
		DATE	APPVL	DATE
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TITLE				
SL8802/04-5XDN5-00, 100 OHM, 30 AWG, 2PR				
CAGE NUMBER	SIZE	DRAWING NO.	REV.	
	C	78-5100-2400-9	D	
MODEL		DET.	SHT 1 OF 2	
		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

Regulatory: For regulatory information about this product, visit [3M.com/regs](http://3M.com/regs) or contact your 3M representative.

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DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
ACCESS CODES		DRFT	ARM	DATE	MFG	DATE
		CHKD	M	DATE	APPVL	DATE
DIVISION	DIVISION CODE	3M Center St. Paul, MN 55144		© 3M COPYRIGHT 2018 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.		
DO NOT SCALE DRAWING	SCALE 1/1	TOLERANCES EXCEPT AS NOTED		TITLE		
		INCHES .0 ± .00 ± .000 ± .0000 ±		SL8802/04-5XDN5-00, 100 OHM, 30 AWG, 2PR		
THIRD ANGLE PROJECTION		MILLIMETERS 0 ±2 .0 ±.5 .00 ±.10 .000 ±.005		CAGE NUMBER		
INTERPRET PER ASME Y14.5 - 2009		MAX SURFACE ROUGHNESS 125 <input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY		SIZE		
		ANGLES ±1°		DRAWING NO.		
				REV.		
				MODEL		
				DET. LISTS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
				SHT 2 OF 2		

78-5100-2400-9  
DRAWING NUMBER

Imaged: Central Standard Time 8/7/2018 -- UTC Off-set (hrs) 6