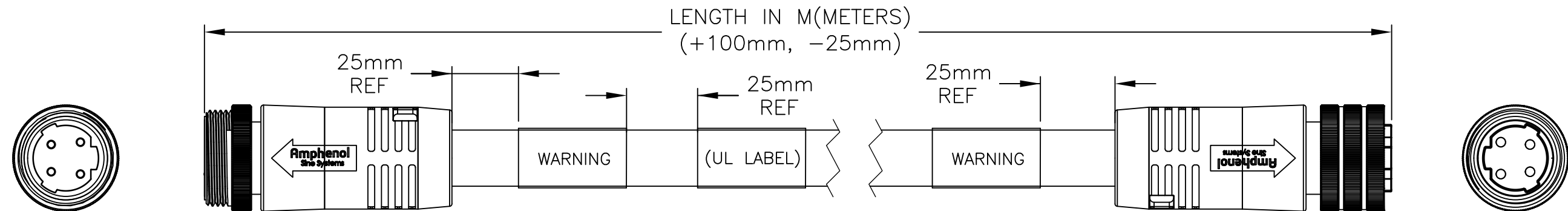


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	TECHNICAL DATA SHEET RELEASE	27APR17	TZ	TZ



SHIELDED: GREY OVERMOLD



**TECHNICAL DATA:**

**1) MATERIALS:**

COUPLING NUT: MACHINED STEEL, NICKEL PLATED  
 INSULATION INSERT: THERMOPLASTIC, UL 94V-0  
 CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY  
 OVERMOLD MATERIAL: THERMOPLASTIC  
 CONDUCTOR RATING: TC-ER PER UL 1277  
 CONDUCTOR INSULATION: XLPE  
 NUMBER OF CONDUCTORS: (4) 12AWG

**2) ELECTRICAL DATA:**

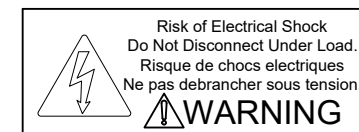
CURRENT (MAX): 25A (2237) 29A (2238)  
 VOLTAGE (MAX): 600V AC/DC  
 INSULATION RESISTANCE (MIN): 5000M OHMS  
 DIELECTRIC TEST VOLTAGE: 2200V

**3) MECHANICAL DATA:**

TEMPERATURE RANGE: -40°C TO 90°C  
 PROTECTION: IP67 (MATED CONDITION)  
 MATING CYCLES: >500  
 VIBRATION RESISTANCE PER MIL-STD-202 METHOD 204  
 THERMAL SHOCK PER MIL-STD-202 METHOD 207  
 48 HOUR SALT SPRAY PER MIL-STD-202 METHOD 101

**4) RoHS COMPLIANT**

**5) UL 2237 LISTED ASSEMBLY**  
 UL FILE NUMBERS: E339703, 224856



QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DRAWN: TZ	DATE: 28APR17
2) Tolerances are as follows:		CHECKED: TZ	DATE: 28APR17
1 PL DEC ±0.30		ENGINEER: TZ	
2 PL DEC ±0.15		APPROVAL: TZ	DATE: 28APR17
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference = X		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
MATERIAL SPECIFICATIONS:		SIZE: C-	
PROCESS SPECIFICATIONS:		DWG NO: P31387-M()	
NEXT ASSY:		REVISION: 01	
		SCALE: NONE	SHEET 1 OF 1

**Amphenol**

Sine Systems - www.sineco.com  
 44724 Morley Drive  
 Clinton Township, MI 48036

MALE STRAIGHT, FEMALE STRAIGHT, SHLD  
 POWER, M29, 12AWG, CABLE ASSY

TITLE:

CABLE ASSY

DWG No:

C-P31387-M()

REV: 01

SH: 1

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