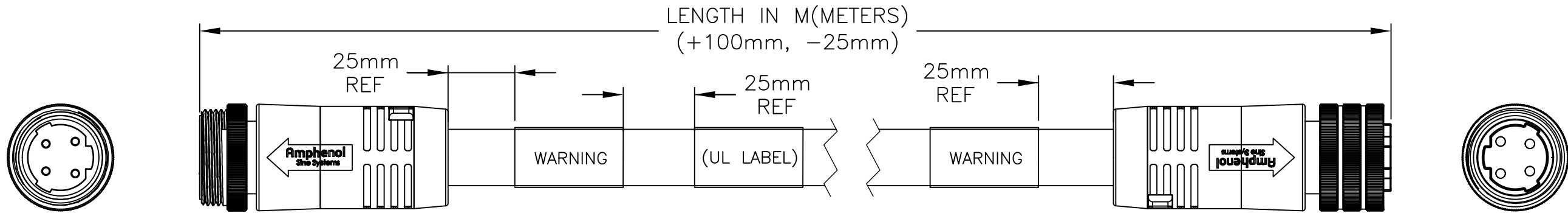
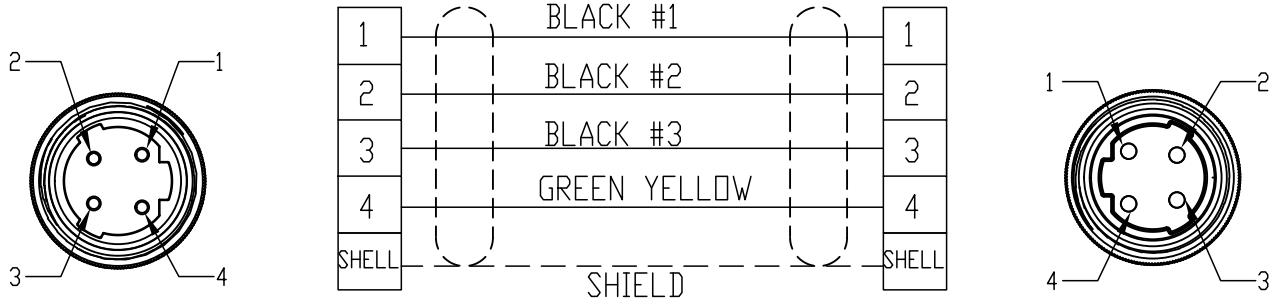


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	TECHNICAL DATA SHEET RELEASE	27APR17	TZ	TZ



SHIELDED: GREY OVERMOLD



TECHNICAL DATA:

1) MATERIALS:

COUPLING NUT: MACHINED STEEL, NICKEL PLATED
INSULATION INSERT: THERMOPLASTIC, UL 94/V-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
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



PART NUMBER		DESCRIPTION		ITEM	
QUANTITY		MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = X		SIGNATURES DATE		Amphenol Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036	
		DRAWN: TZ	28APR17		
		CHECKED: TZ	28APR17		
		ENGINEER: TZ			
		APPROVAL: TZ	28APR17		
MATERIAL SPECIFICATIONS:		CUSTOMER:		MALE STRAIGHT, FEMALE STRAIGHT, SHLD POWER, M29, 12AWG, CABLE ASSY	
PROCESS SPECIFICATIONS:		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.			
NEXT ASSY:					
		SIZE	TYPE C-	DWG NO: P31387-M()	REVISION 01
		SCALE: NONE	C-P31387	SHEET 1	OF 1

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