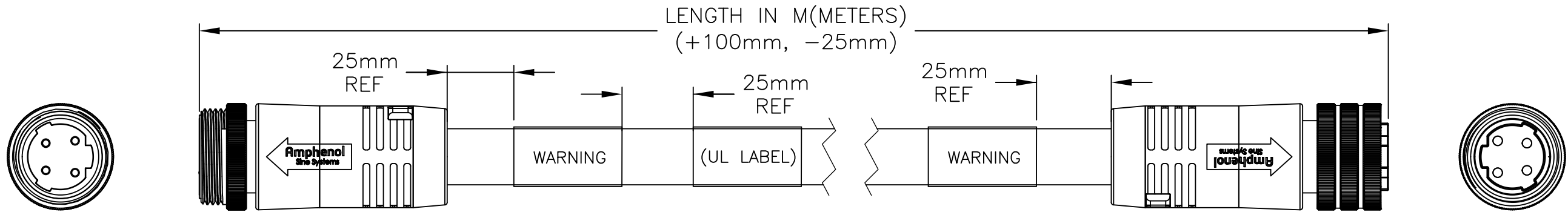
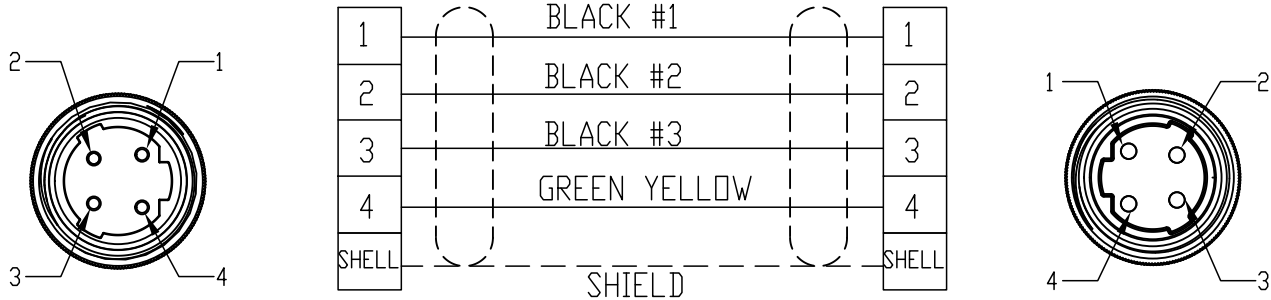


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	TECHNICAL DATA SHEET RELEASE	27APR17	TZ	TZ



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 (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



	PART NUMBER		DESCRIPTION			ITEM
QUANTITY	MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		Amphenol Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036
1) All dimensions are in metric(mm).		DRAWN:	TZ	28APR17		
2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		CHECKED:	TZ	28APR17		
3) Note reference = 		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	DWG NO:		REVISION
			C-	P31387-M()		01
		SCALE:	NONE	C-P31387		SHEET 1 OF 1

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