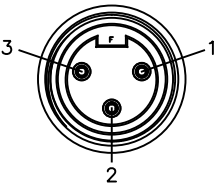
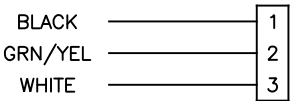
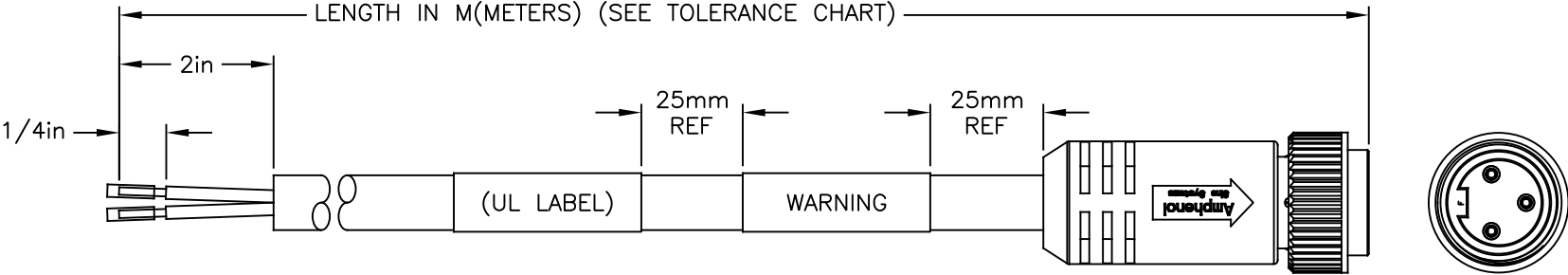


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	TECHNICAL DATA SHEET RELEASE	05APR17	MRF	RFC



LENGTH	TOLERANCE
UP TO 2.99M	+100mm, -25mm
3M TO 8.99M	+150mm, -25mm
9M TO 14.99M	+300mm, -25mm
15M AND OVER	+450mm, -25mm

TECHNICAL DATA:

1) MATERIALS:

COUPLING NUT: MACHINED ALUMINUM, ANODIZED
INSULATION INSERT: THERMOPLASTIC, UL 94/V-0
CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
OVERMOLD MATERIAL: THERMOPLASTIC COLOR: BLACK
CABLE RATING: UL TC-ER, 600V, 90°C WET & DRY, FT4
CABLE JACKET MATERIAL: TPE COLOR: GRAY
CONDUCTOR INSULATION: PVC
NUMBER OF CONDUCTORS: 3 (16AWG)

2) ELECTRICAL DATA:

CURRENT (MAX): 13A
VOLTAGE (MAX): 600V AC/DC
INSULATION RESISTANCE (MIN): 5000M OHMS
DIELECTRIC TEST VOLTAGE: 2200V AC

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 2238 LISTED ASSEMBLY
UL FILE NUMBERS: E224856



	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:	MRF	05APR17		
2) Tolerances are as follows:		CHECKED:	MRF	05APR17		
1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		ENGINEER:	MRF			
3) Note reference = 		APPROVAL:	MRF	05APR17		
MATERIAL SPECIFICATIONS:		CUSTOMER:		CABLE ASSEMBLY, BRAKE, M25		
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-	P31401-M()	01	
		SCALE:	NONE	C-P31401	SHEET 1	OF 1