

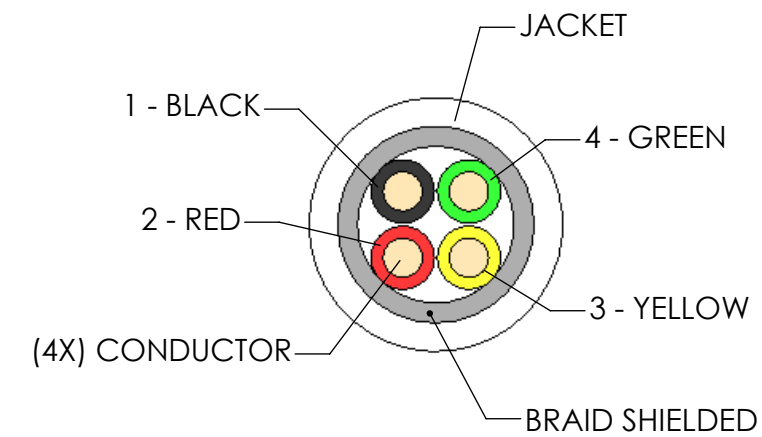
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REVISIONS					
REV.	ECR	DRAFT	CHECK	APPR	REL DATE
-	13979	SS 04-05-11			

CHANGE:
1] INITIAL RELEASE.

NOTES: UNLESS OTHERWISE SPECIFIED.

1. GENERAL DESCRIPTION:
 - 1.1 22 AWG, 4 CONDUCTOR CABLE WITH BRAID SHIELDED
2. TECHNICAL REQUIREMENTS:
 - 2.1 CONDUCTOR:
 - 2.1.1 NUMBER OF CONDUCTORS: 4
 - 2.1.2 AWG: 22
 - 2.2.3 CONDUCTOR MATERIAL: AD
 - 2.2 INSULATION:
 - 2.2.1 INSULATION MATERIAL: HDPE - HIGH DENSITY POLYETHYLENE
 - 2.2.2 OD: 1.10 ± 0.05
 - 2.2.3 AVG THICKNESS: 0.22
 - 2.2.4 COLOR: 1 - BLACK, 2 - RED, 3 - YELLOW, 4 - GREEN
 - 2.3 SHIELD/BRAID: CONSTRUCTION: 16*4*0.10 mm ± .008mm
 - 2.3.1 COVERAGE: 65%
 - 2.4 OUTER JACKET:
 - 2.4.1 JACKET MATERIAL: 50P PVC
 - 2.4.2 COLOR: GY-244 GRAY
 - 2.4.3 OVERALL DIAMETER: ϕ .165" (4.20mm±0.15)
 - 2.5 MECHANICAL CHARACTERISTICS:
 - 2.5.1 OPERATING TEMPERATURE: -20°C TO +60°C
 - 2.5.2 MAX. RECOMMENDED PULLING TENSION: 32 LBS.
 - 2.5.3 MIN. BEND RADIUS (INSTALL): 1.4 IN.
 - 2.6 APPLICABLE STANDARDS:
 - 2.6.1 NEC/(UL) SPECIFICATION: CMX
 - 2.6.2 CEC/C(UL) SPECIFICATION: CMX
 - 2.7 ELECTRICAL CHARACTERISTICS:
 - 2.7.1 VOLTAGE RATING: 30V
 - 2.7.2 TEMP RATING: 80°C
 - 2.7.3 SPARK TEST: AC-1500V/IN THE AIR
 - 2.7.4 DIELECTRIC STRENGTH/ AC-500V/1 SEC MIN
 - 2.7.5 INSULATION RESISTANCE: 0.75M Ω /KM IN 20°C
 - 2.7.6 CONDUCTOR RESISTANCE: 59.4 Ω /KM MAX AT 20°C
3. SUGGESTED MANUFACTURER(S):
 - 3.1 DONG GUAN GUNETAL WIRE AND CABLE CO
 - 3.2 OR EQUIVALENT



		UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING. THIRD ANGLE PROJECTION. DIMENSIONS ARE IN INCHES.	TOLERANCES ARE: DECIMALS FRACTIONAL ANGLES .X = ±.1 ± 1/8 ± 1° .XX = ±.03 .XXX = ±.005		
		MATERIAL: SEE NOTES	APPROVALS DRAFT SSAS	DATE 04-05-11	
		HEAT TREAT: N/A	CHECK EDB	04-05-11	SIZE: B
AQ6016		PMSM	APPR DU	04-11-11	SOFTWARE S
NEXT ASSY:		USED ON			DWG. NO: B00200
APPLICATION				REV. -	
			SCALE: NONE		SHEET: 1 OF 1