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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	REVISED & REDRAWN PER ECO	03/09	M.S.

12-515

**ORIGINAL**  
only if stamped in red

WIRE SIZE: 20 AWG, 19 X 32 STRANDS, SILVER COATED

NUMBER OF CONDUCTORS: 2 PER MIL-W-22759/11

INSULATION MATERIAL: EXTRUDED TEF

INSULATION COLORS: WHT/BLK, WHT/RED

SHIELDED: YES X NO       

SHIELD TYPE: BRAIDED        X        FOIL        MATERIAL: COPPER PLATING: SILVER COATED

JACKET MATERIAL (OVER SHIELD):        COLOR: WHITE FLUORINATED ETHYLENE PROPYLENE (FEP)

JACKET TYPE: WRAPPED        EXTRUDED X

OVERALL DIAMETER:        (MAX.)

OPERATING TEMPERATURE RANGE: +392° F MAX

IN ACCORDANCE WITH MIL SPEC: M27500-20RC2S09


SPECIAL REQUIREMENTS:

JACKET AND CONDUCTORS MUST BE STRIPPABLE WITHOUT DIFFICULTY

TWISTING REQUIREMENTS: 1 TWIST MIN PER INCH

NOTES:

1. CABLE SHALL BE CONSTRUCTED PER MIL-C-27500 EXCEPT COLOR CODE SHALL BE AS DEFINED ABOVE.

ITEM NO.	QTY REQD	PART OR IDENTIFYING NO.	DESCRIPTION	MATERIAL/SPECIFICATION
DO NOT SCALE THIS DRAWING				
REMOVE BURRS AND BREAK SHARP EDGES:	-		ALL DIMENSIONS ARE IN INCHES	 <b>CABLE</b>
MACHINED/BRAZED FILLET RADIUS TO BE:	-		DIMENSIONING & TOLERANCING PER ANSI Y14.5	
DIAMETERS ON A COMMON Q TO BE $\varnothing$ WITHIN:	-	TIR	TOL: .XX ± .03 FRACT ± 1/32 .XXX ± .01 ANG ± 1/2°	
PERPENDICULAR SURFACES TO BE $\perp$ WITHIN:	-		✓ FINISH PER USAS B46.1 ALL MACHINED SURFACES	
PART TO BE CLEAN AND OIL FREE	-		THREADS SHALL BE IN ACCORDANCE WITH MIL-S-8879	
UNLESS OTHERWISE SPECIFIED				
			HEAT TREAT	
			PROTECTIVE FINISH	
			DRAWN	G.KIM 12/96
			CHECKED	H.BEIZERMAN 12/96
			APPROVED	J.SHAKIBAI 12/96
			APPROVED	
SIZE	CODE IDENT. NO.	DRAWING NO.	REV.	
A	22863	12-515	B	
SCALE	NONE	WT.		SHEET 1 OF 1