EQUIP. TYPE R390A/URR EXP. NO. ~~Col 425 0096/0101 00~~

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*FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS.

~~*SWE APPROVAL~~
~~SYM FR10042-10~~

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
A1	A1 - ADDED "REF. TO MIL-W-12349".	6 NOV. 59	42428-PC-59-A1-51 REV'D PME

NOTES:

1. PART MAY BE SUPPLIED BY SURPRENANT MFG CO, BOSTON, MASS, OR EQUAL, PROVIDING IT MEETS THE FOLLOWING REQUIREMENTS & DIMENSIONS.

DESCRIPTION: SHIELDED ELECTRICAL HOOK-UP WIRE WITH MONOCHLOROTRIFLUOROETHYLENE INSULATION FOR USE
(A1) IN MEDIUM HIGH TEMPERATURES IN ACCORDANCE WITH MIL-W-12349 EXCEPT FOR SHIELDING.
CONDUCTOR: #22AWG, 7 STRANDS OF #30AWG MIN. SILVER PLATED SC COPPER WIRE.
SHIELDING: #36AWG TINNED SD COPPER WIRE, STRANDING SUFFICIENT TO PRODUCE 90% MINIMUM COVERAGE.
MAX O.D. 0.080.

~~COLLINS PART NUMBER~~	DASH NO.		COLOR
559 0312 002	SM-B-283209	-1	BLACK
559 0313 002		-2	BROWN
559 0314 002		-3	RED
559 0315 002		-4	ORANGE
559 0316 002		-5	YELLOW
559 0317 002		-6	GREEN(DARK)

WHEN PART NO APPEARS 559 0312/0317 002, MILITARY SOURCE INSPECTION IS REQUIRED

~~COLLINS PART NO.~~	ITEM	REQD	PART NO.	DESCRIPTION	MATL	MATL SPEC	A

LIST OF MATERIAL ~~COLLINS PART NO.~~ 559 0312/0317 002 #

~~COLLINS NO.~~	~~QTY~~	NEXT ASSY	USED ON
~~558 0455 004~~	AS REQD	SM-D-249103	SC-DL-248775

APPLICATION

DRAWN ECS | CHECKED | APPROVED

UNLESS OTHERWISE SPECIFIED:
DECIMAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±.005
FRACTIONAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±1/64
MACHINED ANGLES MAY VARY ±.1°
SHEARED ANGLES MAY VARY ±.25°
BROKEN ANGLES MAY VARY ±1.°
ECCENTRICITY BETWEEN ANY DIAMETERS ON THE SAME CENTERLINE SHALL NOT EXCEED .010 TOTAL INDICATOR READING.
ALL DIMENSIONS ARE FINISH DIMENSIONS INCLUDING APPLIED FINISH AND ARE GIVEN IN INCHES.

~~COLLINS RADIO CO. CEDAR RAPIDS, IOWA~~
14214-PH-51-93

SIGNAL CORPS

REVIEWED PME

APPROVED HLY PME

DATE 5 MAR 56

WIRE-ELECTRICAL

SCALE —

DEPARTMENT OF THE ARMY
SIGNAL CORPS ENGINEERING LABORATORIES
FORT MONMOUTH NEW JERSEY

SM-B-283209