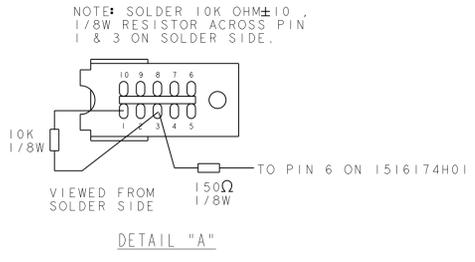
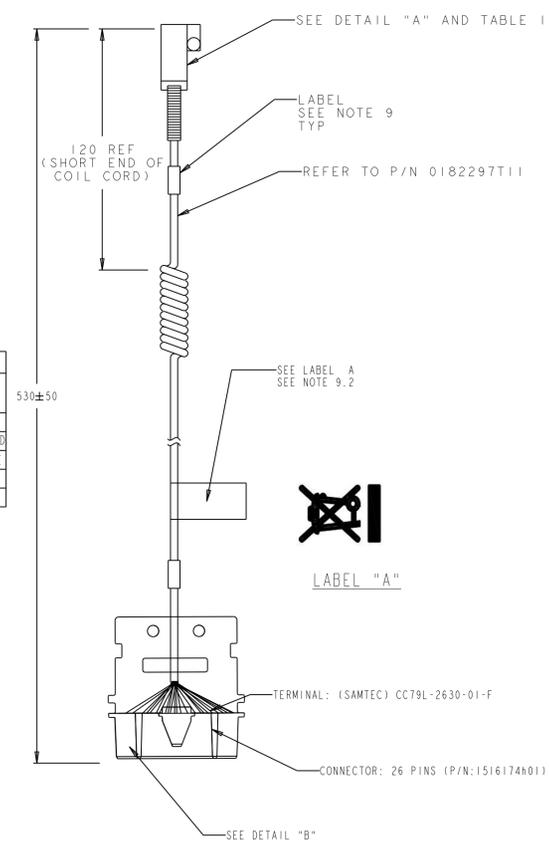
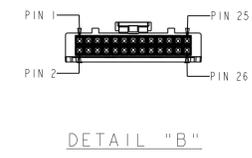


REVISION HISTORY - ALL SHEETS ARE THE SAME REVISION STATUS			
REV	ZONE	DESCRIPTION	ECN MEMO
A	N/A	FULL RELEASE	R063493 BY FARAH 24 AUG 2010
B	N/A	ADD COUNTRY OF ORIGIN MARK ON PART & PACKAGING ADD RECYCLING MARK ON INDIVIDUAL PACKAGING	C432153 BY FARAH 12 OCTOBER 2010



DETAIL "A" PIN NO.	WIRE COLOR CODE	1516174H01 PIN NO.	COMMENTS
-	BLUE	-	-
2	RED & BLUE	8 & 12	ANALOGUE GROUND & POWER GROUND
3	WHITE	6	150Ω RESISTOR IN LINE
-	BLACK	-	-
-	GREEN	-	-



- NOTES
- THIS PART IS THE SAME AS 0182297T11 WITH THE EXCEPTION OF THE TERMINAL & CONNECTOR CAP
 - DESCRIPTION AND APPLICATION:
COIL CORD ASSEMBLY FOR USE AS AN ACCESSORY CONNECTOR FOR COMMUNICATIONS EQUIPMENT OVER A TEMPERATURE RANGE OF -55° TO +85° CELSIUS.
 - APPLICABLE DOCUMENTS:
12S10601A PACKAGING REQUIREMENTS FOR INBOUND SHIPMENTS TO MOTOROLA
12M80967A78 COMMUNICATIONS SECTOR VENDOR MATERIAL QUALITY CONTROL
12S11055A GENERAL REQUIREMENTS FOR A SUPPLIER QUALITY ASSURANCE PROGRAM
12M05020A95 COMPONENT ENGINEERING TESTING REQUIREMENTS POLICY AND ENVIRONMENTAL SPECIFICATIONS.
12M05022A30 QUALIFICATION PROCEDURE FOR CABLE, CORD, WIRE. ALL COMPONENT PARTS TO CONFORM TO THE SPECIFIC REQUIREMENTS OF THEIR INDIVIDUAL DOCUMENTS.
12G02897W18 CONTROLLED AND REPORTABLE MATERIALS DISCLOSURE.
12I3933U06 MOTOROLA GLOBAL SPECIFICATION COUNTRY OF ORIGIN
12M05041A30 BAR CODING AND LABEL APPLICATION STANDARD.
12M05053A41 MOTOROLA DATE CODE AND VENDOR CODE REQUIREMENTS FOR OUTSOURCED KITS
 - REQUIREMENTS:
4.1 SUPPLIER SHALL REPORT MATERIAL CONTENT OF EACH MOTOROLA PART PER MOTOROLA SPECIFICATION 12G02897W18 CONTROLLED AND REPORTABLE MATERIALS DISCLOSURE. MATERIAL CONTENT SHALL COMPLY WITH THE REQUIREMENTS OF APPENDIX C SECTION 2 OF 12G02897W18. THE LEAD SOLDER EXEMPTION: "LEAD IN SOLDER FOR SERVERS AND STORAGE ARRAY SYSTEMS, NETWORK INFRASTRUCTURE EQUIPMENT FOR SWITCHING, SIGNALING, AND TRANSMISSION AS WELL AS NETWORK MANAGEMENT EQUIPMENT FOR TELECOMMUNICATIONS" SHALL NOT APPLY.
 - CHARACTERISTICS:
5.1 A "REF" (REFERENCE) DIMENSION IS FOR INFORMATION PURPOSES ONLY AND HAS NO TOLERANCE IMPLIED.
5.2 PARTS SHALL BE ADEQUATELY PACKAGED TO PREVENT DAMAGE IN SHIPPING AND HANDLING PER MOTOROLA SPECIFICATION 12S10601A, PACKAGING REQUIREMENTS FOR SUPPLIERS.
 - INSPECTION REQUIREMENTS:
6.1 VENDOR IS REQUIRED TO 100% TEST FOR CONTINUITY AND SHORTS.
6.2 VENDOR SHALL INSPECT ALL INCOMING MATERIAL FOR DEFECTS IN WORKMANSHIP, AND IS RESPONSIBLE THAT ALL PARTS CONFORM TO MOTOROLA PIECE PART SPECIFICATIONS.
6.3 THE VENDOR MUST BE ABLE TO DEMONSTRATE, AT ANY TIME, COMPLIANCE TO ALL SPECIFICATIONS AND QUALIFICATION REQUIREMENTS.
6.4 FIRST PIECE PART SAMPLES FOR A NEW PART OR FROM A NEW VENDOR ARE TO BE SUBMITTED TO MOTOROLA'S VOC DEPARTMENT BEFORE PROCEEDING WITH A PRODUCTION RUN IN ACCORDANCE WITH MOTOROLA SPEC. 12M80967A78.
 - QUALIFICATION REQUIREMENTS:
7.1 QUALIFICATION TESTING PER MOTOROLA 12M05022A30 INCLUDING VERIFICATION OF ALL ITEMS OF PARA. 11
7.2 COLD BEND: 5 SAMPLES USED FOR THERMAL SHOCK ARE TO BE PLACED IN A -40°C TEMPERATURE CHAMBER FOR 4 TO 24 HOURS. SAMPLES ARE THEN TO BE WRAPPED THREE TIMES AROUND A PRE-COOLED (10X CABLE DIAMETER) MANDREL. SAMPLES MUST BE INSPECTED FOR ELECTRICAL SPECIFICATIONS IMMEDIATELY AFTER REMOVAL AND MUST SHOW NO SIGNS OF CRACKING.
7.3 IT IS THE VENDOR'S RESPONSIBILITY TO PROVIDE PROOF OF COMPLIANCE TO ALL SPECIFICATIONS.
7.4 GENERAL ENVIRONMENT:
6.4.1 OPERATING TEMPERATURE RANGE: -30°C TO +60°C.
6.4.2 STORAGE TEMPERATURE RANGE: -55°C TO +85°C.
 - TOOLING:
COMPLETE TOOL DRAWINGS, IF TOOLING IS REQUIRED, MUST BE SUBMITTED TO MOTOROLA MECHANICAL ENGINEERING FOR APPROVAL.
 - IDENTIFICATION:
9.1 MOTOROLA KIT NUMBER AND VENDOR DATE CODE ARE TO BE IDENTIFIED ON BOTH ENDS OF EACH KEYLOAD CABLE ASSEMBLY. THE VENDOR IS TO USE A BRADY DAT-37-292 LABEL (OR AN EQUIVALENT LABEL APPROVED BY MOTOROLA MECHANICAL ENGINEERING). THE MOTOROLA KIT NUMBERS AND LABEL COLORS ARE IN THE PART NUMBER TABLE. CHARACTERS TO BE APPROXIMATELY .100" HIGH.
9.2 WEEE SYMBOL IS TO BE ATTACHED AS PER LABEL A.
9.3 COUNTRY OF ORIGIN MARKING IS REQUIRED TO BE ON PACKAGING & ITEM, AS PER 12I3933U06
 - PACKAGING:
10.1 KEYLOAD CABLE ASSEMBLIES ARE TO BE INDIVIDUALLY PACKAGED IN A SEALED CLEAR PLASTIC BAG. THE METHOD OF SEALING THE BAG IS THE VENDOR'S OPTION EACH BAG SHOULD THEN BE MARKED CLEARLY WITH THE MOTOROLA KIT NO., TOGETHER WITH MOTOROLA PART NO. & APPROPRIATE REVISION ISSUE.
10.2 MARKING: PER 12M05041A30 AND 12M05053A41 PACKAGE WILL INCLUDE RECYCLING MARKING.
 - EXCEPTIONS
11.1 NO CHANGE SHALL BE ALLOWED ON PRODUCTION MATERIAL, REGARDLESS OF WHETHER SUCH CHANGES AFFECTS CHARACTERISTICS SPECIFIED, WITHOUT PRIOR EXPLICIT APPROVAL BY COMMUNICATIONS SECTOR ENGINEERING AND PURCHASING DEPARTMENTS.
11.2 THE INDIVIDUAL PHYSICAL PERFORMANCE REQUIREMENTS SHALL BE AS SPECIFIED HEREIN AND IN ACCORDANCE WITH THE APPLICABLE DOCUMENT AS CITED. IN THE EVENT OF ANY CONFLICT BETWEEN THE REQUIREMENTS OF THIS DOCUMENT AND ANY OF THE OTHER APPLICABLE DOCUMENTS, THIS DOCUMENT SHALL GOVERN.
 - WORKMANSHIP
12.1 HEAT SHRINK TUBING TO COMPLETELY COVER EACH SOLDERED CONNECTION.
12.2 ALL GATES ON PLASTIC PARTS TO BE TRIMMED 0.030 MAX.

PMKN4108A	KVL PROGRAMMING CABLE	RELEASED	0857
MOTOROLA P/N	DESCRIPTION	P/N STATUS	PRODUCT ID
TABLE 1: MODEL INFORMATION			

MOTOROLA CONFIDENTIAL PROPRIETARY COPYRIGHT 2010 MOTOROLA INFORMATION CONTAINED ON ALL SHEETS OF THIS PRINT CANNOT BE REPRODUCED OR USED, IN WHOLE OR IN PART, WITHOUT MOTOROLA'S CONSENT. THIS NOTICE DOES NOT IMPLY PUBLICATION.		DESIGNED BY FARAH SYAZWANI	MOTOROLA GTDG PENANG	
THIRD ANGLE PROJECTION		DRAWN BY FARAH SYAZWANI	TITLE KVL PROGRAMMING CABLE (MOBILE)	
		APPROVED BY CC GOH	SIZE A1	REV B
		ELECTRICAL ENGINEER GUNALEN	CAGE CODE N/A	DRAWING NUMBER PMKN4108A
			SCALE 0.500	PRODUCT ID 0857
				SHEET 1 OF 1