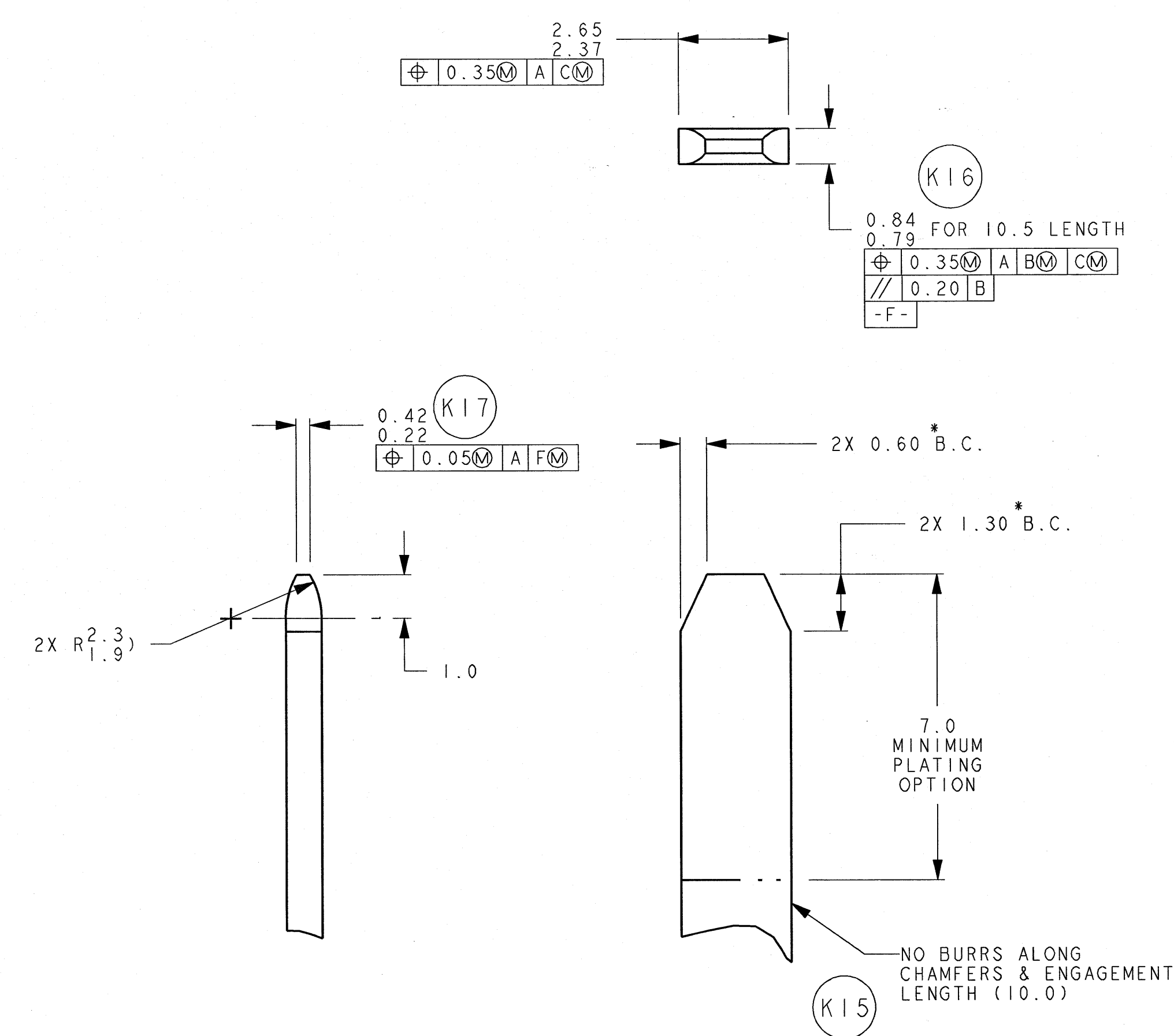




MALE TERMINAL (ENGAGEMENT AREA SCALE: 10X)

*B.C. INDICATES BEFORE COINING

BASE MATERIAL - HIGH CONDUCTIVITY COPPER ALLOY, MUST BE
APPROVED BY THE RESPONSIBLE ENGINEER

PLATING NOTES (CONTACT AREA)

TIN (125°C MAXIMUM CONTINUOUS TEMPERATURE)

A. HOT TIN DIP 0.5um To 2um (20uin To 80uin)
OR
B. POST ELECTRO MATTE TIN
BARRIER PLATE (OPTIONAL FOR SOLDERABILITY) - UNDERPLATE
WITH COPPER 2.5um (100uin) MIN. THICKNESS
TOP LAYER 5.0um±2.5um (200uin±100uin) TIN
PER ASTM B-345-83

PRECIOUS METAL: WHEN SPECIFIED (PER USCAR EWCAP PLATING REQUIREMENTS)

BARRIER PLATE - (OPTIONAL FOR SOLDERABILITY) UNDERPLATE
WITH COPPER 2.5um (100uin) MIN THICKNESS PER ASTM -- TBD

INTERMEDIATE LAYER #1 SULFAMATE DUCTILE NICKEL 1.27um - 2.5um
(50uin - 100uin) THICK PER ASTM B899 TYPE 2

INTERMEDIATE LAYER #2 OPTIONAL 1.0um (40uin) MIN THICKNESS
PALLADIUM ELECTROPLATE PER ASTM B.TBD

TOP LAYER 0.1um (4uin) MIN THICKNESS HARD GOLD ELECTROPLATE #2
0.75um (30uin) MIN THICKNESS HARD GOLD IF LAYER #2 IS NOT
APPLIED, PER ASTM B

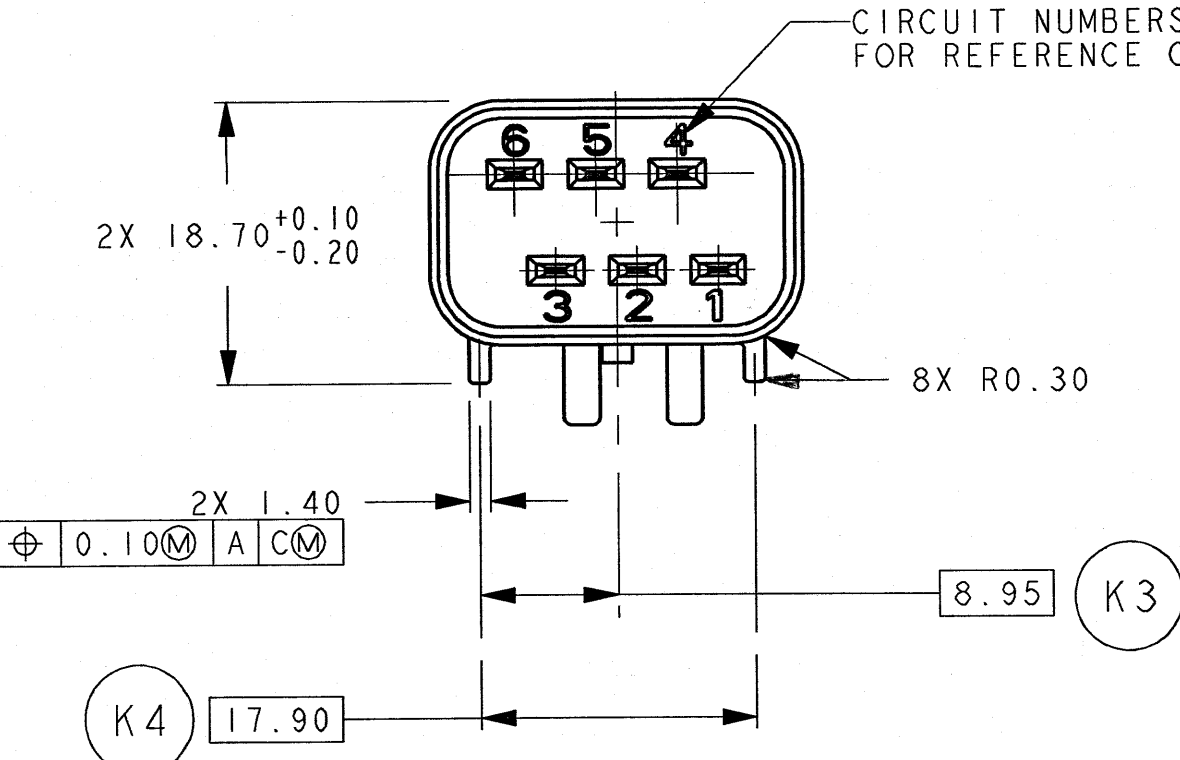
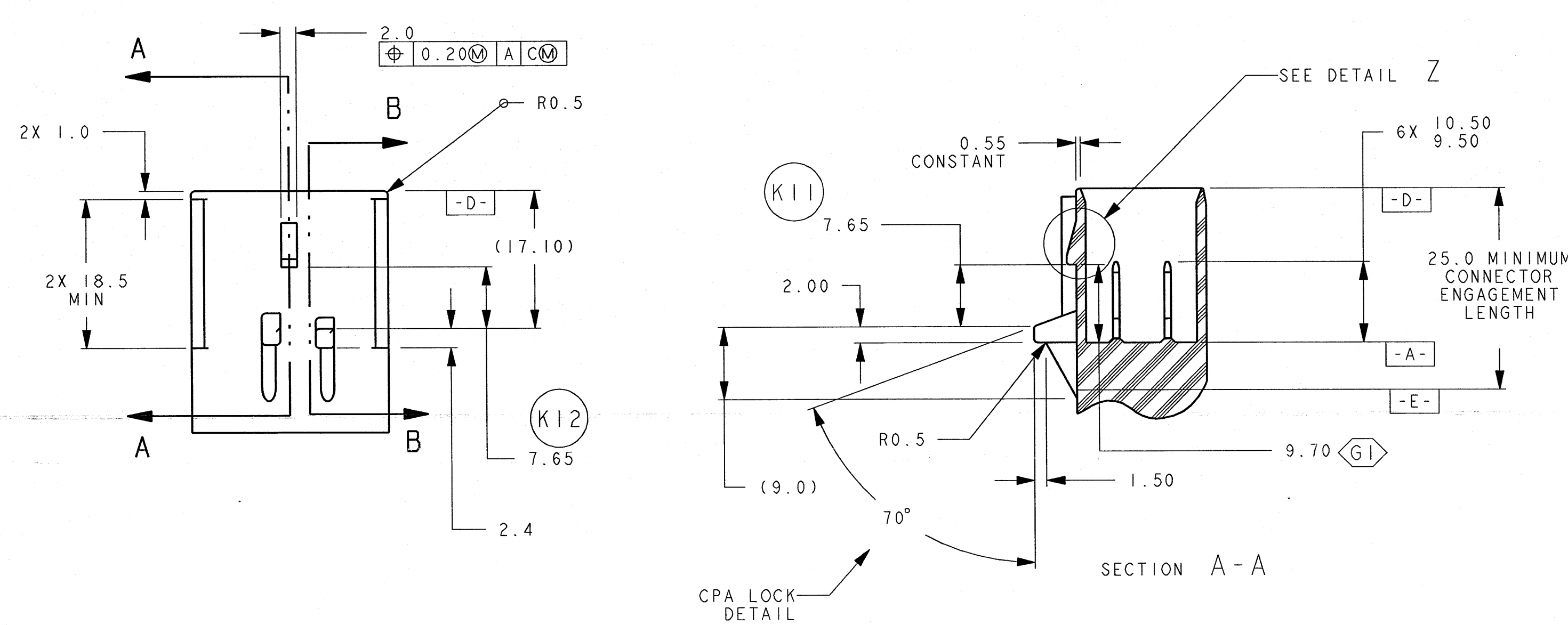
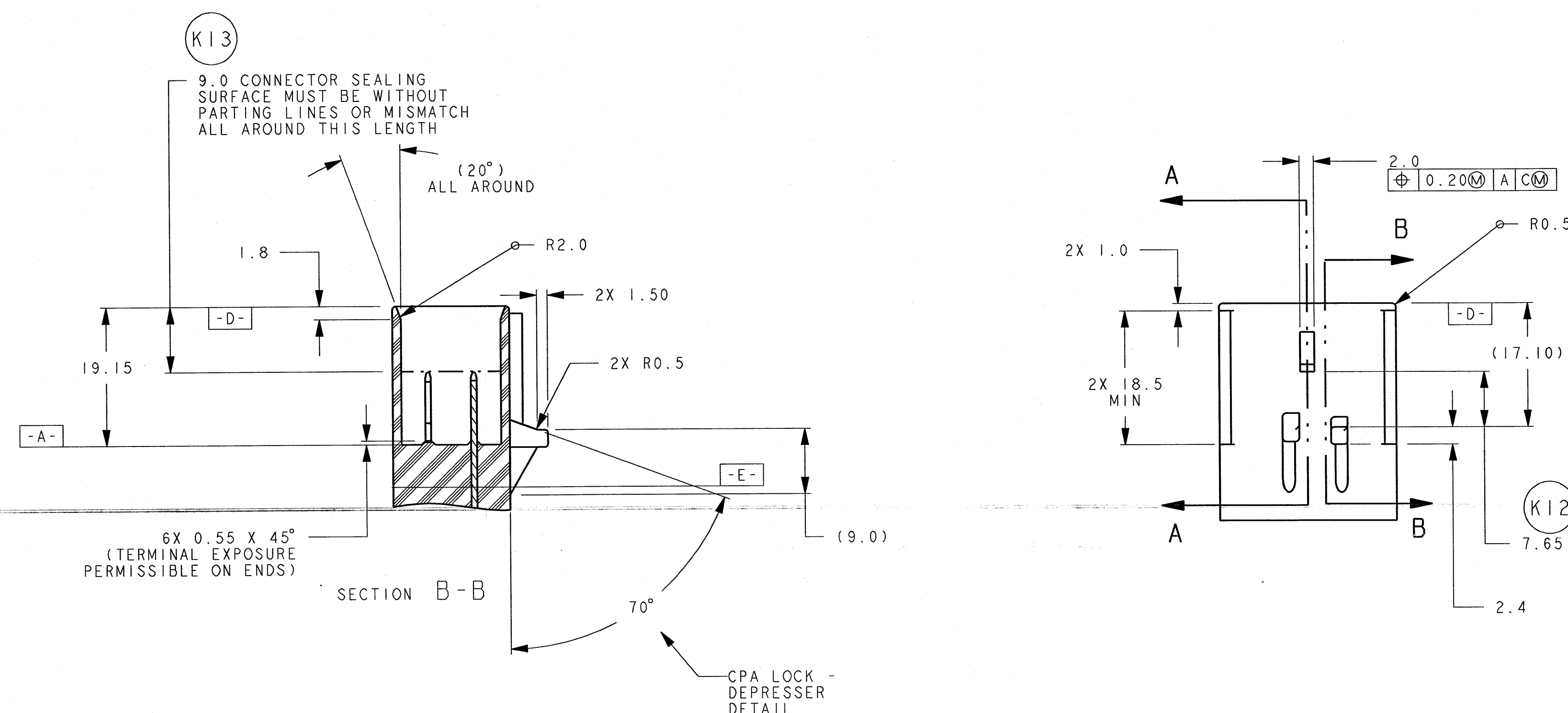
FOR HEAVY DUTY DIESEL ENGINES: WHEN SPECIFIED

TOP LAYER 1.27um (50uin) MIN THICKNESS HARD GOLD ELECTROPLATE
PER ASTM B-488 TYPE 2 CODE "C" OVER INTERMEDIATE LAYER #1
OR
INTERMEDIATE LAYER #2 1.27um (50uin) MIN THICKNESS
PALLADIUM ELECTROPLATE

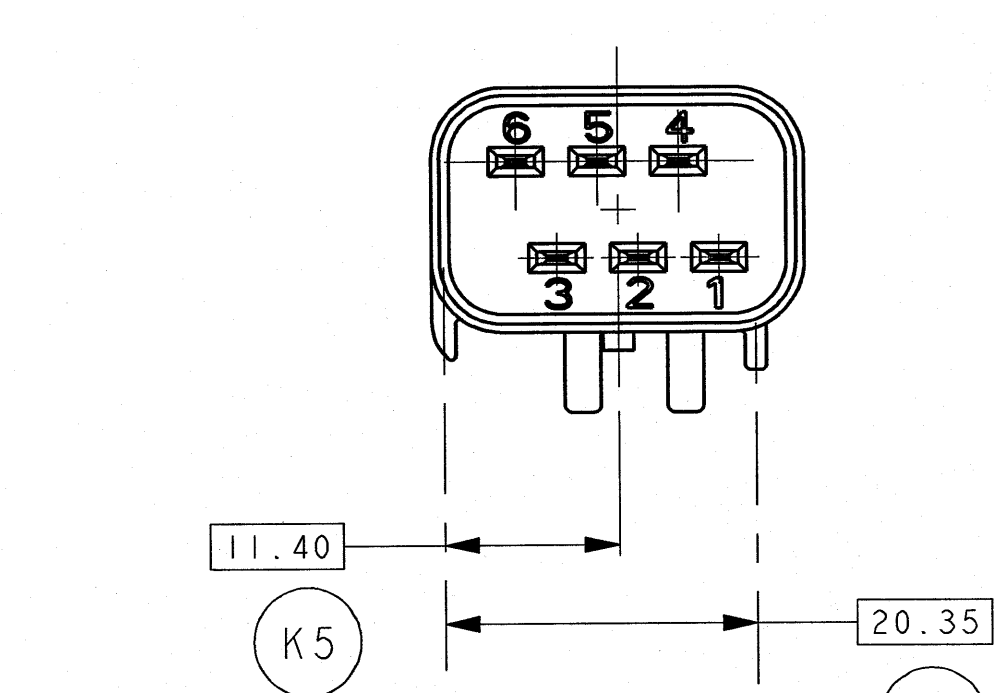
TOP LAYER 0.05um (2uin) MIN THICKNESS HARD GOLD ELECTROPLATE

NOTE: ABOVE NOTES RELATING TO MATERIAL AND PLATING ARE FOR REFERENCE ONLY. PARTS MUST BE VALIDATED TO CUSTOMER REQUIREMENTS.

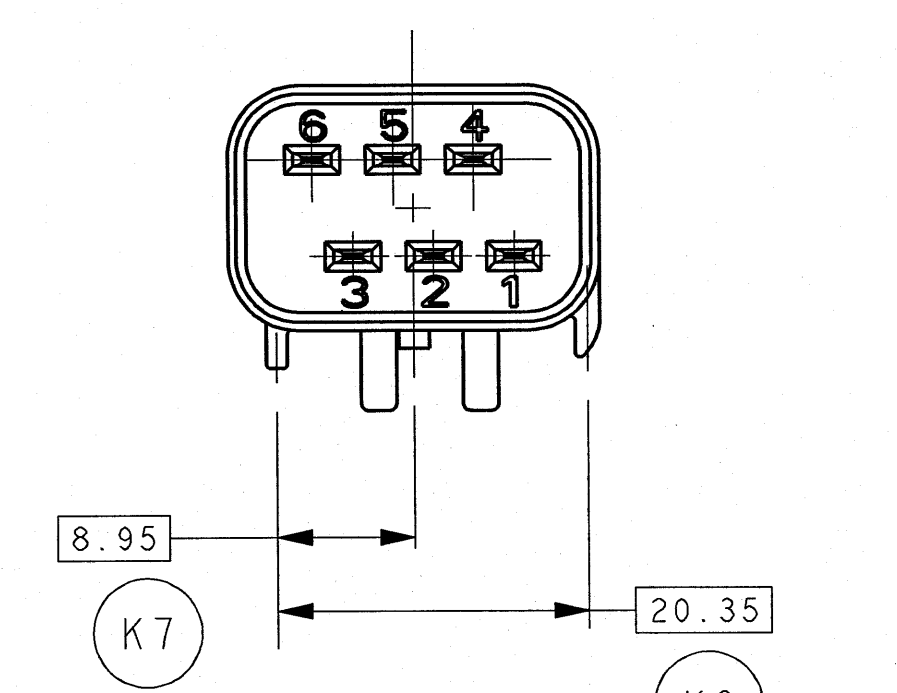
FCI AUTOMOTIVE
APR 26 2005
AMERICAS
FCI
MASTER COPY
WHEN IN RED



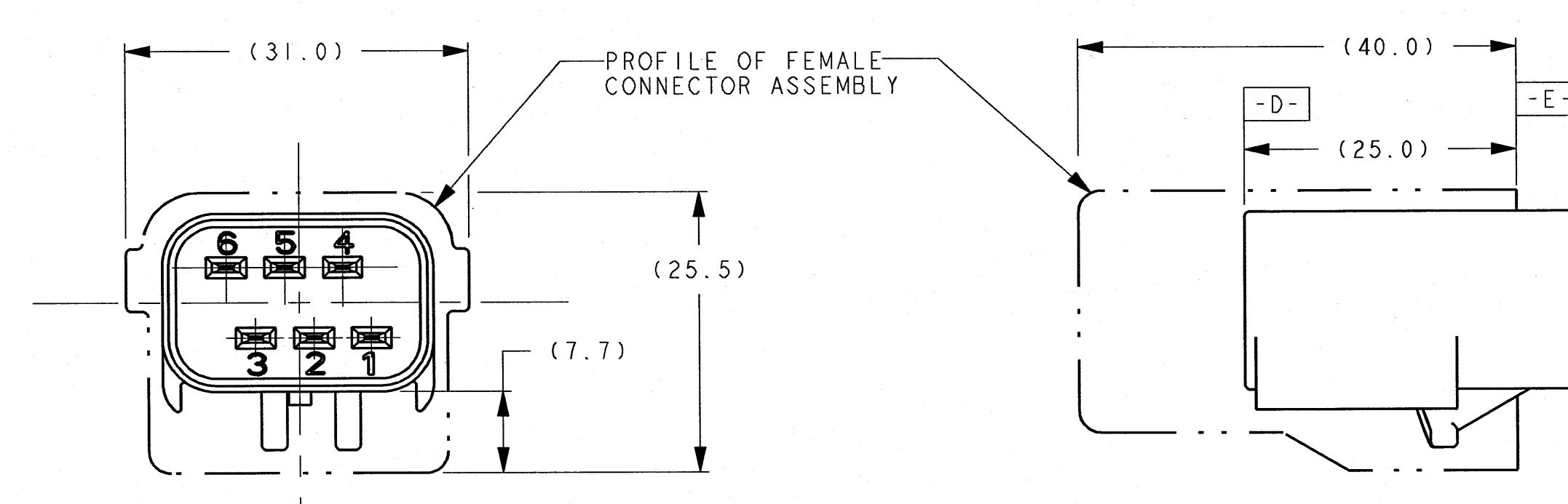
TYPE B
ALL DIM"S SAME AS TYPE
"A" EXCEPT AS SHOWN



TYPE C
ALL DIM"S SAME AS TYPES
A & B EXCEPT AS SHOWN



TYPE D
ALL DIM"S SAME AS TYPES
A & B EXCEPT AS SHOWN



PACKAGE VIEWS FOR REFERENCE ONLY

K18			
54200603	UN-SEALED	NATURAL	TYPE D
54200611	UN-SEALED		
54200602	UN-SEALED	DK. GRAY	TYPE C
54200610	UN-SEALED		
54200646	UN-SEALED	LT. GRAY	TYPE B
54200601	UN-SEALED		
54200609	SEALED	BLACK	TYPE A
54200650	SEALED		
54200625	SEALED		
54200600	UN-SEALED		
54200608	UN-SEALED	COLOR	POLARIZING OPTION
MATES WITH 6 WAY FEMALE	SEALED OR UN-SEALED		

(K) INDICATES IN - PROCESS INSPECTION FOR MANUFACTURING DIMENSION(S) OR SPECIFICATION(S) : 20

WIRING FABRICATORS MUST PURCHASE FROM ENGINEERING APPROVED SOURCES

MATES WITH 6 WAY FEMALE INSULATOR
SEE CHART

DRAFT PERMISSIBLE WITHIN DIMENSIONAL TOLERANCE
UNLESS OTHERWISE SPECIFIED

MUST CONFORM TO SAE/USLAR - 2 REV 4

R .0 .15 MAXIMUM ON CORNERS AND FILLETS
SHOWN AS SHARP

PART TO BE MOLDED FREE FROM FLASH, VOIDS, STRESSES,
IMPERFECTIONS, AND TOOL MARKS, THAT AFFECT FUNCTION
OR HANDLING OF THE PART

ALL EJECTOR MARKS 0 .10 MAXIMUM HIGH TO
0 .25mm BELOW THE SURFACE OF THE PART .

TOOL MUST BE INTERCHANGEABLE TO PRODUCE
ALL KEY TYPES AS CHARTED UNLESS OTHERWISE SPECIFIED

(G) DENOTES GAGE REQUIREMENTS FOR USER AND MANUFACTURER

(K20) BLADE TERMINAL MUST BE PER THE INSERT ABOVE.

UNCONTROLLED

_____	_____	_____	_____	_____
PART NUMBER F.C.I.	PART NUMBER	REV DATE	REV	DRAWING NUMBER
_____ CUSTOMER _____				

[illegible]

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