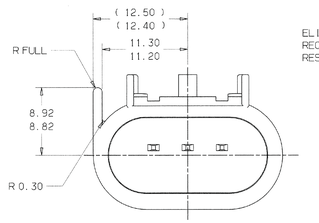
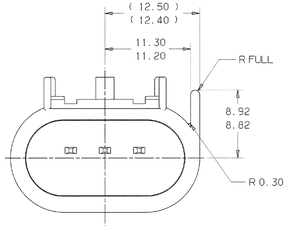
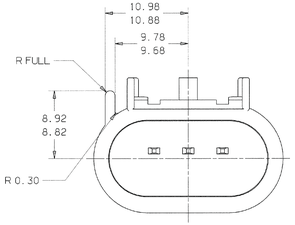


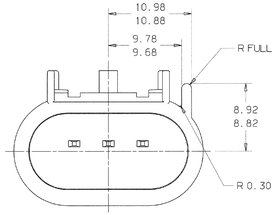
150-S-003-1-A02
(OPTION A-SHOWN)



150-S-003-1-B02
(OPTION B)

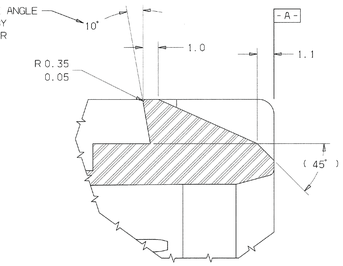


150-S-003-1-C02
(OPTION C)

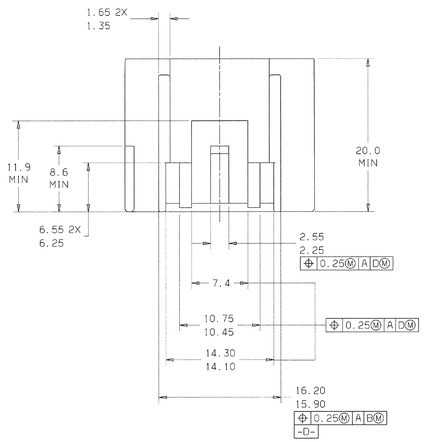


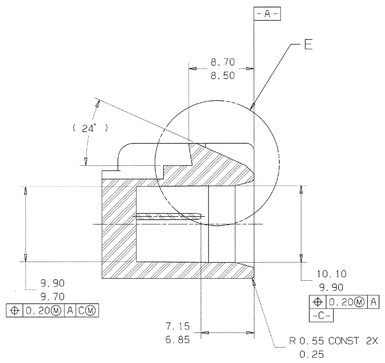
150-S-003-1-D02
(OPTION D)

ELIMINATION OF BACK ANGLE REQUIRES APPROVAL BY RESPONSIBLE ENGINEER

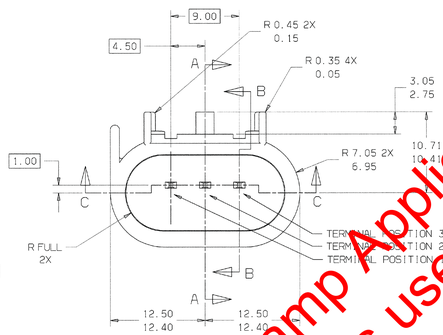


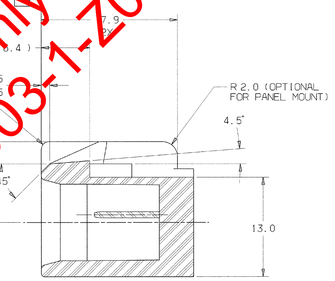
DETAIL E
SCALE 8:1





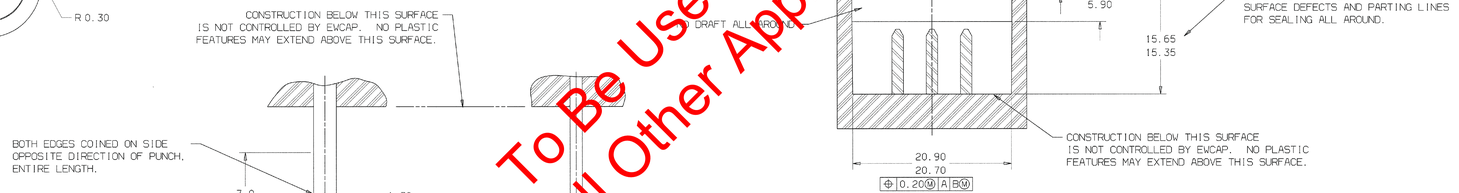
SECTION A/A



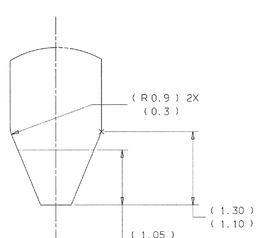


SECTION B/B

ISOMETRIC VIEW
SCALE 1:1



DETAIL F



RADII MUST BE TANGENT TO BLADE THICKNESS AT THIS DIMENSION.

DETAIL F
SCALE 32:1

TERMINAL CONFIGURATION
SCALE 8:1

SECTION C/C

NOTES:
1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
2. RADII ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADII: 0.25 MAX. EXCEPT AS NOTED.

MALE TERMINAL PHYSICAL AND ELECTRICAL REQUIREMENTS-(EXCEPTIONS MUST BE APPROVED BY THE RESPONSIBLE ENGINEER):

BASE MATERIAL - COPPER ALLOY

ELECTRICAL CONDUCTIVITY - ≥28% IACS AT 20°C (AS ANNEALED). USE OF MATERIALS WITH CONDUCTIVITY <28% IACS OR NON-COPPER ALLOYS ARE ACCEPTABLE WHEN APPROVED BY THE RESPONSIBLE ENGINEER.

CONTACT AREA PLATING -
TIN - FOR UP TO 125°C MAX. CONTINUOUS TEMPERATURE
BARRIER PLATE - (OPTIONAL FOR SOLDERABILITY) UNDERPLATE WITH COPPER 0.0025MM (100µ-INCHES) MINUMUM THICKNESS.
TOP LAYER - 0.0050±0.0025MM (200±100µ-INCHES) TIN

PRECIOUS METAL - (WHEN SPECIFIED)
BARRIER PLATE - (OPTIONAL FOR SOLDERABILITY) UNDERPLATE WITH COPPER 0.0025MM (100µ-INCHES) MINIMUM THICKNESS.
INTERMEDIATE LAYER #1 - NICKEL - 0.0012MM (50µ-INCHES) MIN. NICKEL ELECTROPLATE
INTERMEDIATE LAYER #2 - (OPTIONAL) 0.001MM (40 µ-INCHES) MIN. PALLADIUM ELECTROPLATE
TOP PLATING - 0.0001MM (4µ-INCHES) MIN. HARD-GOLD ELECTROPLATE IF INTERMEDIATE LAYER #2 IS APPLIED. 0.0005MM (20 µ-INCHES) MIN. HARD GOLD ELECTROPLATE IF INTERMEDIATE LAYER #2 IS NOT APPLIED.

PROCESS LUBRICANT:
ANY PROCESS LUBRICANT REMAINING ON TERMINAL MUST NOT VARNISH OR DEGRADE ITS ELECTRICAL PERFORMANCE UP TO A MAXIMUM CLASS AMBIENT TEMPERATURE PER SAE/USCAR-2 FOR 1008 HOURS.
PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER.

EWCAP P/N	OPTION
150-S-003-1-D02	D
150-S-003-1-C02	C
150-S-003-1-B02	B
150-S-003-1-A02	A

NOTICE

CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK
	A	INITIAL RELEASE	10-19-99	MLA	HZ

TOLERANCES (UNLESS OTHERWISE SPECIFIED)
DIMENSIONS ARE IN MILLIMETERS
ANGLES ± 0° 30'
.X ± .25 .XX ± .13
THIRD ANGLE PROJECTION

EWCAP

SCALE	DRAWN BY	CHECKED BY	DATE
4:1	M. ANDERSON	M. ZAVERZENCE	08-19-98

TITLE
DIRECT CONNECT INTERFACE - 3 WAY (1X3)
1.5MM SEALED MALE

SHEET	DRAWING NUMBER	SIZE	DO NOT SCALE DRAWING COMPUTER AIDED DRAWING	REVISION LEVEL
1 OF 1	150-S-003-1-Z02	E		A

E SIZE SHEET

120-2-003-1-SDS