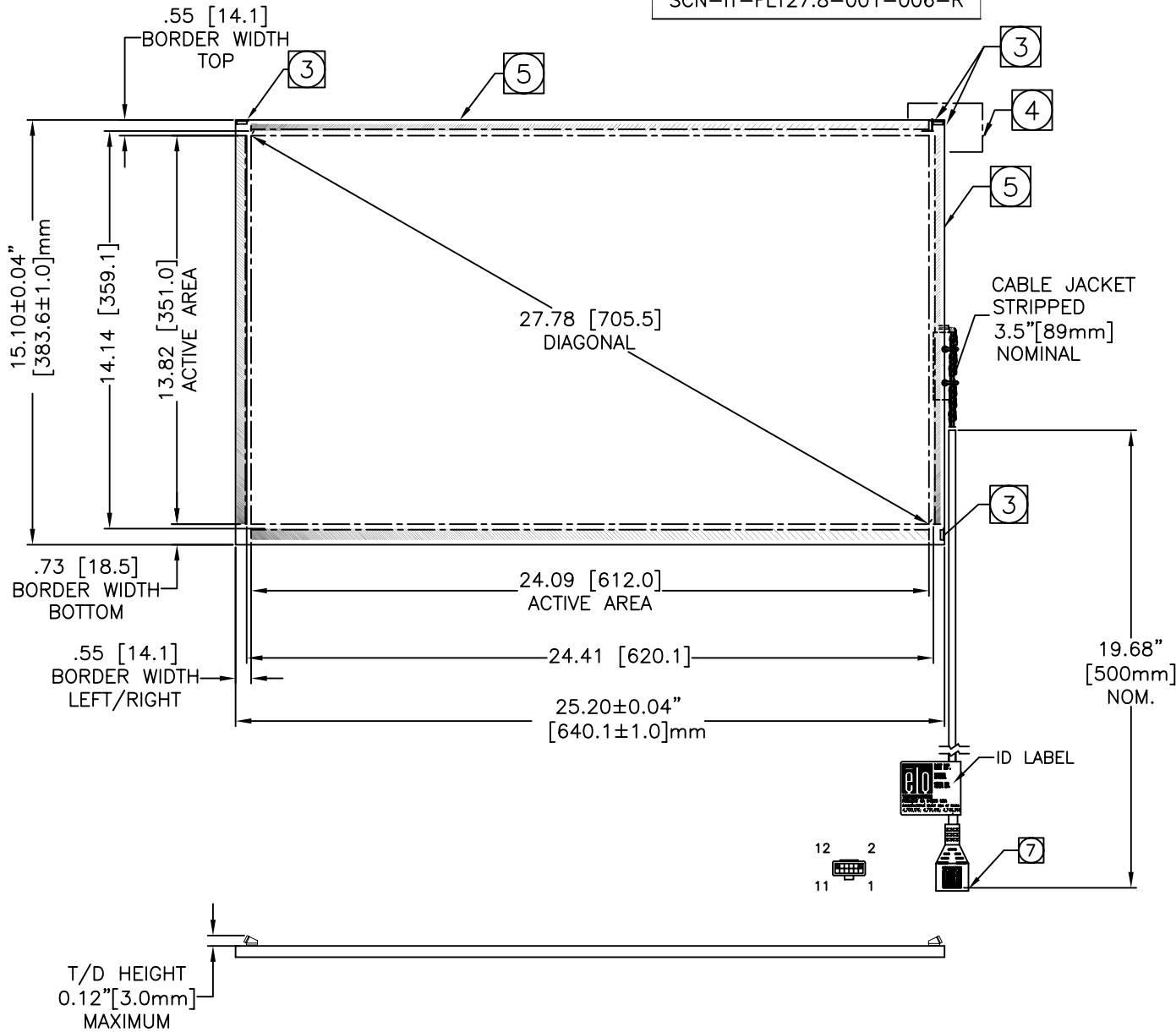


INTELLITOUCH® TOUCHSCREEN
SCN-IT-FLT27.8-001-006-R



NOTES:

1. ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS.
2. GLASS THICKNESS: $[5.0 \pm 0.2] \text{mm} / 0.20 \pm 0.008''$.
3. TRANSDUCERS ARE LOCATED AT THE POSITIONS SHOWN. HEIGHT OF TRANSDUCERS ABOVE GLASS SURFACE = $[3.0 \text{mm}] 0.12''$ MAX.
4. CABLE ROUTING ON THE GLASS EDGE ADDS $0.15'' [3.8 \text{mm}]$ AS SHOWN.
5. CABLE IS ROUTED ALONG THE EDGE OF THE GLASS. CABLE JACKET IS STRIPPED $89 \text{mm} [3.5'']$ FOR EASE DURING INTEGRATION PROCESS.
6. BLACK TAPES ARE APPLIED ON THE BACK SURFACE OF THE GLASS OPPOSITE THE ARRAY PATTERNS.
7. BERG 65043-031, 2x6 HOUSING WITH BERG 48239-000 RECEPTACLES, DIRECTLY MATES WITH ANY OF THE FOLLOWING:
-INTELLITOUCH SERIAL CONTROL BOARD
-012226 CABLE (2x6 TO 8" DB9 BULKHEAD)
8. THE TOUCH ACTIVE AREA IS LESS THAN THE VIEWABLE AREA TO FACILITATE SEALING.
9. SURFACE QUALITY SPECIFICATION: ES500051. ELLIPTICAL BUBBLES TO BE CLASSIFIED AS LINEAR DEFECTS. MAX. LENGTH= $12.5 \text{mm} [0.5'']$ AND MAX. WIDTH= $0.25 \text{mm} [0.01'']$.

CONNECTION CHART

PIN	SIGNAL	INSULATION COLOR	JACKET COLOR
1	GROUND	OVERALL SHIELD	
2	KEY		
3	Y RECEIVE (+)	BLU	BLK
4	Y TRANSMIT (+)	BLU	GRY
5	Y RECEIVE (-)	BLK	BLK
6	Y TRANSMIT (-)	YEL	GRY
7	GROUND	INNER SHIELD	
8	X TRANSMIT (-)	RED	RED
9	X RECEIVE (-)	RED	BLK
10	X TRANSMIT (+)	GRN	RED
11	X RECEIVE (+)	WHT	BLK
12	KEY		

TOUCHSCREEN TABULATION

PART NO	SURFACE FINISH
E104756	CLEAR

